



INDUSTRIAL BATTERIES

HYSTER

WALKIE, RIDER/WALKIE, TOW TRACTORS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type		6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)		Standard Connector
				KWH	Ah			Length X	Width Y	Height Z		Yes	No			
W40XL, W45XT, W60XL 31.875 x 8.25 x 23.875	12	6-D85-11	cm	4.95	425	85	1061	31.25	7.75	23.1875	516	X		B	27	SB6328
	12	6-H80-11	cm	4.66	400	80	1061	31.25	7.75	23.1875	495	X		B	27	SB6328
	12	6-P95-11	cm	5.53	475	95	1061	31.25	7.75	23.1875	521	X		B	27	SB6328
	12	6-D85-13		5.94	510	85	1088	30.5	7.75	23.1875	538	X		B	15	SB6328
	12	6-H80-13		5.59	480	80	1088	30.5	7.75	23.1875	516	X		B	15	SB6328
	12	6-P95-13		6.63	570	95	1088	30.5	7.75	23.1875	543	X		B	15	SB6328
B40BL, B60BL, C40BL C60BL, T5B, W40BL W60BL 31.875 x 8.0625 x 23.875	12	6-D85-11	cm	4.95	425	85	1061	31.25	7.75	23.1875	516	X		B	27	SB6328
	12	6-H80-11	cm	4.66	400	80	1061	31.25	7.75	23.1875	495	X		B	27	SB6328
	12	6-P95-11	cm	5.53	475	95	1061	31.25	7.75	23.1875	521	X		B	27	SB6328
	12	6-D85-13		5.94	510	85	1088	30.5	7.75	23.1875	538	X		B	15	SB6328
	12	6-H80-13		5.59	480	80	1088	30.5	7.75	23.1875	516	X		B	15	SB6328
	12	6-P95-13		6.63	570	95	1088	30.5	7.75	23.1875	543	X		B	15	SB6328
B35BPP, B40XL, B60BL B60XL, B84BL, C40BL C60BL, T5B, W40BL W40XL, W60BL, W60XL 31.875 x 13.375 x 23.875	12	6-D85-25		11.87	1020	85	1040	28.9375	12.875	23.25	999	X		B	15	SB6328
	12	6-H80-25		11.17	960	80	1040	28.9375	12.875	23.25	959	X		B	15	SB6328
	12	6-P95-25		13.27	1140	95	1040	28.9375	12.875	23.25	1009	X		B	15	SB6328
B40XL, B60XL, W40XL W60XL 31.875 x 13.5 x 23.875	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6328
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6328
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6328
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	15	SB6328
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	15	SB6328
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	15	SB6328

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the battery is less than the minimum weight required on that particular model truck. The information is subject to change upon notice from equipment manufacturers or field experience. East Penn expressly denies any responsibility for the accuracy of this information. While East Penn has and continues to

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
B35BP, B40BL, B60BL	12	6-D85-25	11.87	1020	85	1040	28.9375	12.875	23.25	999	X		B	15	SB6328
C40BL, C60BL, T5B, W40BL	12	6-H80-25	11.17	960	80	1040	28.9375	12.875	23.25	959	X		B	15	SB6328
W60BL	12	6-P95-25	13.27	1140	95	1040	28.9375	12.875	23.25	1009	X		B	15	SB6328
31.875 x 13.375 x 23.875															
B35BP, B40BL, B60BL	24	12-D85-11	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6328
C40BL, C60BL, T5B, W40BL	24	12-H80-11	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6328
W60BL	24	12-P95-11	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6328
31.875 x 13.375 x 23.875	24	12-D85-13	11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	15	SB6328
	24	12-H80-13	11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	15	SB6328
	24	12-P95-13	13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	15	SB6328
B40CL, W40CL	12	6-D100-13	6.98	600	100	1091	30.5	7.75	26.1875	613	X		B	15	SB6328
32.25 x 8.1875 x Open	12	6-D125-13	8.73	750	125	1092	30.5	7.75	31.0625	750	X		B	15	SB6328
	12	6-H120-13	8.38	720	120	1092	30.5	7.75	31.0625	743	X		B	15	SB6328
	12	6-P140-13	9.78	840	140	1092	30.5	7.75	31.0625	758	X		B	15	SB6328
B40CL, W40CL	12	6-D100-25	13.97	1200	100	1137	28.9375	12.875	26.25	1153	X		B	15	SB6328
32.25 x 13.5625 x Open	12	6-D125-25	17.46	1500	125	1206	28.9375	12.875	31.125	1391	X		B	15	SB6328
	12	6-D85-25	11.87	1020	85	1040	28.9375	12.875	23.25	999	X		B	15	SB6328
	12	6-H120-25	16.76	1440	120	1206	28.9375	12.875	31.125	1377	X		B	15	SB6328
	12	6-H80-25	11.17	960	80	1040	28.9375	12.875	23.25	959	X		B	15	SB6328
	12	6-P140-25	19.56	1680	140	1206	28.9375	12.875	31.125	1405	X		B	15	SB6328
	12	6-P95-25	13.27	1140	95	1040	28.9375	12.875	23.25	1009	X		B	15	SB6328
B40CL	24	12-D100-13	13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	15	SB6329
32.25 x 13.5625 x Open	24	12-D125-13	17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	15	SB6329
	24	12-H120-13	16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	15	SB6329
	24	12-P140-13	19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	15	SB6329
W20XTA, W40XTA	12	6-D100-13	6.98	600	100	1091	30.5	7.75	26.1875	613	X		B	20	SB6328
35.375 x 8.0625 x Open	12	6-D125-13	8.73	750	125	1092	30.5	7.75	31.0625	750	X		B	20	SB6328
	12	6-D85-13	5.94	510	85	1088	30.5	7.75	23.1875	538	X		B	20	SB6328
	12	6-H120-13	8.38	720	120	1092	30.5	7.75	31.0625	743	X		B	20	SB6328
	12	6-H80-13	5.59	480	80	1088	30.5	7.75	23.1875	516	X		B	20	SB6328
	12	6-P140-13	9.78	840	140	1092	30.5	7.75	31.0625	758	X		B	20	SB6328
	12	6-P95-13	6.63	570	95	1088	30.5	7.75	23.1875	543	X		B	20	SB6328

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No		
W20XTA, W40XTA 35.375 x 8.0625 x Open	24	12-D100-7	6.98	300	100	3046	33.5625	6.4375	26.1875	655	X		B 20	SB6328
	24	12-D125-7	8.73	375	125	3128	33.5625	6.4375	31.0625	797	X		B 20	SB6328
	24	12-D85-7	5.94	255	85	3022	33.5625	6.4375	23.1875	574	X		B 20	SB6328
	24	12-H120-7	8.38	360	120	3128	33.5625	6.4375	31.0625	789	X		B 20	SB6328
	24	12-H80-7	5.59	240	80	3022	33.5625	6.4375	23.1875	551	X		B 20	SB6328
	24	12-P140-7	9.78	420	140	3128	33.5625	6.4375	31.0625	805	X		B 20	SB6328
	24	12-P95-7	6.63	285	95	3022	33.5625	6.4375	23.1875	580	X		B 20	SB6328
W20XTA, W20XTR, W30XTR W40XTA 35.375 x 13.5 x Open	12	6-D100-25	13.97	1200	100	1137	28.9375	12.875	26.25	1153	X		B 20	SB6328
	12	6-D125-25	17.46	1500	125	1206	28.9375	12.875	31.125	1391	X		B 20	SB6328
	12	6-D85-25	11.87	1020	85	1040	28.9375	12.875	23.25	999	X		B 20	SB6328
	12	6-H120-25	16.76	1440	120	1206	28.9375	12.875	31.125	1377	X		B 20	SB6328
	12	6-H80-25	11.17	960	80	1040	28.9375	12.875	23.25	959	X		B 20	SB6328
	12	6-P140-25	19.56	1680	140	1206	28.9375	12.875	31.125	1405	X		B 20	SB6328
	12	6-P95-25	13.27	1140	95	1040	28.9375	12.875	23.25	1009	X		B 20	SB6328
W20XTA, W20XTR, W30XTR W40XTA 35.375 x 13.5 x Open	24	12-D100-13	13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B 20	SB6328
	24	12-D125-13	17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B 20	SB6328
	24	12-D85-13	11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B 20	SB6328
	24	12-H120-13	16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B 20	SB6328
	24	12-H80-13	11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B 20	SB6328
	24	12-P140-13	19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B 20	SB6328
	24	12-P95-13	13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B 20	SB6328
W20XTC 31.875 x 13.375 x Open	12	6-D100-25	13.97	1200	100	1137	28.9375	12.875	26.25	1153	X		B 20	SB6328
	12	6-D125-25	17.46	1500	125	1206	28.9375	12.875	31.125	1391	X		B 20	SB6328
	12	6-D85-25	11.87	1020	85	1249	28.9375	12.875	23.5	1008	X		B 20	SB6328
	12	6-H120-25	16.76	1440	120	1206	28.9375	12.875	31.125	1377	X		B 20	SB6328
	12	6-H80-25	11.17	960	80	1249	28.9375	12.875	23.5	968	X		B 20	SB6328
	12	6-P140-25	19.56	1680	140	1206	28.9375	12.875	31.125	1405	X		B 20	SB6328
	12	6-P95-25	13.27	1140	95	1249	28.9375	12.875	23.5	1018	X		B 20	SB6328
B60ZAC, B80ZAC, W20XTC W40XTC 31.875 x 13.375 x Open	24	12-D100-13	13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B 20	SB6328
	24	12-D125-13	17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B 20	SB6328
	24	12-D85-13	11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B 20	SB6328
	24	12-H120-13	16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B 20	SB6328
	24	12-H80-13	11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B 20	SB6328
	24	12-P140-13	19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B 20	SB6328
	24	12-P95-13	13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B 20	SB6328

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)		Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
W40XT 29.5 x 7.75 x Open	24	12-D100-5	4.66	200	100	3209	24.625	6.4375	26.1875	474	X		B	20	SB6329	
	24	12-D125-5	5.82	250	125	3085	24.5625	6.5	31.0625	580	X		B	20	SB6329	
	24	12-D85-5	3.96	170	85	3081	24.625	6.4375	23.1875	415	X		B	20	SB6329	
	24	12-H80-5	3.72	160	80	3081	24.625	6.4375	23.1875	398	X		B	20	SB6329	
	24	12-P140-5	6.52	280	140	3085	24.5625	6.5	31.0625	586	X		B	20	SB6329	
	24	12-P95-5	4.42	190	95	3081	24.625	6.4375	23.1875	419	X		B	20	SB6329	
W60XT Standard Compartment 31.5625 x 9 x 31	12	6-D85-11	cm	4.95	425	85	1061	31.25	7.75	23.1875	516	X		B	27	SB6328
	12	6-H80-11	cm	4.66	400	80	1061	31.25	7.75	23.1875	495	X		B	27	SB6328
	12	6-P95-11	cm	5.53	475	95	1061	31.25	7.75	23.1875	521	X		B	27	SB6328
	12	6-D100-13		6.98	600	100	1091	30.5	7.75	26.1875	613	X		B	15	SB6328
	12	6-D85-13		5.94	510	85	1088	30.5	7.75	23.1875	538	X		B	15	SB6328
	12	6-H80-13		5.59	480	80	1088	30.5	7.75	23.1875	516	X		B	15	SB6328
W60XT Standard Compartment 31.5625 x 9 x 31	24	12-D100-7		6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		B	15	SB6328
	24	12-D85-7	cm	5.94	255	85	3415	30.5	8.5625	23.1875	606	X		B	24	SB6328
	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	15	SB6328
	24	12-H80-7	cm	5.59	240	80	3415	30.5	8.5625	23.1875	582	X		B	24	SB6328
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	15	SB6328
	24	12-P95-7	cm	6.63	285	95	3415	30.5	8.5625	23.1875	612	X		B	24	SB6328
W60XT Optional Compartment 31.5625 x 13.375 x 31	12	6-D100-25		13.97	1200	100	1137	28.9375	12.875	26.25	1153	X		B	15	SB6328
	12	6-D85-25		11.87	1020	85	1040	28.9375	12.875	23.25	999	X		B	15	SB6328
	12	6-H80-25		11.17	960	80	1040	28.9375	12.875	23.25	959	X		B	15	SB6328
	12	6-P95-25		13.27	1140	95	1040	28.9375	12.875	23.25	1009	X		B	15	SB6328
W60XT Optional Compartment 31.5625 x 13.375 x 31	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6328
	24	12-D85-11	cm	9.89	425	85	3776	31.375	12.875	23.875	1015	X		B	30	SB6328
	24	12-H80-11	cm	9.31	400	80	3776	31.375	12.875	23.875	974	X		B	30	SB6328
	24	12-P95-11	cm	11.06	475	95	3776	31.375	12.875	23.875	1025	X		B	30	SB6328
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	15	SB6328
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	15	SB6328
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	15	SB6328
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	15	SB6328

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Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating KWH	Ah	Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
							Length X	Width Y	Height Z		Yes	No				
W80XT 32 x 13.375 x Open	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6329
	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6329
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6329
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6329
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	20	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	20	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	20	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	20	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	20	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	20	SB6329
24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	20	SB6329	
B60XT, B80XT, C60XT2 C80XT2, GB60Z 31.5625 x 13.375 x 31	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6329
	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6329
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6329
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6329
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	20	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	20	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	20	SB6329
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	20	SB6329
B60XT, B80XT Optional Compartment 31.5625 x 9 x 31	24	12-D100-7		6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		B	20	SB6329
	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	20	SB6329
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	20	SB6329
	24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	20	SB6329
GW40DL, GW60DL 32 x 13.375 x Open	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6329
	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6329
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6329
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6329
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	15	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	15	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	15	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	15	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	15	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	15	SB6329
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	15	SB6329

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
GW40DL, GW60DL 32 x 8.25 x Open	24	(4) 8GGC2	pm	3.60	155		3801	25.5	7.5	24.5	340	X		B	26	SB6329
	24	12-D100-5	cm	4.66	200	100	3757	29.375	6.4375	26.1875	513	X		B	24	SB6329
	24	12-D100-5		4.66	200	100	3209	24.625	6.4375	26.1875	474	X		B	15	SB6329
	24	12-D85-5	cm	3.96	170	85	3617	29.375	6.4375	23.1875	455	X		B	24	SB6329
	24	12-D85-5		3.96	170	85	3081	24.625	6.4375	23.1875	415	X		B	15	SB6329
	24	12-H80-5	cm	3.72	160	80	3617	29.375	6.4375	23.1875	437	X		B	24	SB6329
	24	12-H80-5		3.72	160	80	3081	24.625	6.4375	23.1875	398	X		B	15	SB6329
	24	12-P95-5	cm	4.42	190	95	3617	29.375	6.4375	23.1875	460	X		B	24	SB6329
24	12-P95-5		4.42	190	95	3081	24.625	6.4375	23.1875	419	X		B	15	SB6329	
T5XT 32 x 13.5 x Open	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	20	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	20	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	20	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	20	SB6329
B60Z, B80Z 32 x 13.4375 x Open	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	16	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	16	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	16	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	16	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	16	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	16	SB6329
24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	16	SB6329	
C60Z, C80Z 31.25 x 13.4375 x Open	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	16	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	16	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	16	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	16	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	16	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	16	SB6329
24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	16	SB6329	
T5Z, T7Z 31.3125 x 13.4375 x Open	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	16	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	16	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	16	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	16	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	16	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	16	SB6329
24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	16	SB6329	

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type		6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
				KWH	Ah			Length X	Width Y	Height Z		Yes	No			
W40ZC	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6329
W20ZR, W25ZC, W30ZA	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6329
W30ZC, W30ZR, W40ZA	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6329
33 x 13.5 x Open	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	20	SB6329
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	20	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	20	SB6329
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	20	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	20	SB6329
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	20	SB6329
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	20	SB6329
W40Z	24	(4) 8GGC2	pm	3.60	155		3801	25.5	7.5	24.5	340	X		B	26	SB6329
28.5 x 8.125 x 31	24	12-D85-5		3.96	170	85	3081	24.625	6.4375	23.1875	415	X		B	20	SB6329
	24	12-H80-5		3.72	160	80	3081	24.625	6.4375	23.1875	398	X		B	20	SB6329
	24	12-P95-5		4.42	190	95	3081	24.625	6.4375	23.1875	419	X		B	20	SB6329
W45Z, W50Z	24	12-D100-7		6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		B	20	SB6329
28.5 x 9.125 x 31	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	20	SB6329
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	20	SB6329
	24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	20	SB6329
W45Z	12	6-D100-11	cm	5.82	500	100	1167	31.25	7.75	26.1875	576	X		B	27	SB6328
31.625 x 8.125 x 31	12	6-D85-11	cm	4.95	425	85	1061	31.25	7.75	23.1875	516	X		B	27	SB6328
	12	6-H80-11	cm	4.66	400	80	1061	31.25	7.75	23.1875	495	X		B	27	SB6328
	12	6-P95-11	cm	5.53	475	95	1061	31.25	7.75	23.1875	521	X		B	27	SB6328
	12	6-D100-13		6.98	600	100	1022	30.5625	6.4375	26.1875	610	X		B	20	SB6328
	12	6-D85-13		5.94	510	85	1006	30.5625	6.4375	23.1875	531	X		B	20	SB6328
	12	6-H80-13		5.59	480	80	1006	30.5625	6.4375	23.1875	510	X		B	20	SB6328
	12	6-P95-13		6.63	570	95	1006	30.5625	6.4375	23.1875	536	X		B	20	SB6328
W60Z, W80Z	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6329
32 x 13.4375 x 31	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	950	X		B	30	SB6329
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	912	X		B	30	SB6329
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	960	X		B	30	SB6329
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	20	SB6329
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1043	X		B	20	SB6329
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1001	X		B	20	SB6329
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1053	X		B	20	SB6329

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WALKIE, RIDER/WALKIE, TOW TRACTORS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating KWH	Ah	Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
							Length X	Width Y	Height Z		Yes	No				
W65Z 32 x 9 x 31	12	6-D100-11	cm	5.82	500	100	1167	31.25	7.75	26.1875	576	X		B	27	SB6328
	12	6-D85-11	cm	4.95	425	85	1061	31.25	7.75	23.1875	516	X		B	27	SB6328
	12	6-H80-11	cm	4.66	400	80	1061	31.25	7.75	23.1875	495	X		B	27	SB6328
	12	6-P95-11	cm	5.53	475	95	1061	31.25	7.75	23.1875	521	X		B	27	SB6328
	12	6-D100-13		6.98	600	100	1091	30.5	7.75	26.1875	613	X		B	20	SB6328
	12	6-D85-13		5.94	510	85	1088	30.5	7.75	23.1875	538	X		B	20	SB6328
	12	6-H80-13		5.59	480	80	1088	30.5	7.75	23.1875	516	X		B	20	SB6328
	12	6-P95-13		6.63	570	95	1088	30.5	7.75	23.1875	543	X		B	20	SB6328

cm - Charge-Mate includes on board charger.

pm - Powr-Mate includes on board charger.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

ORDER PICKERS, HI RACKER, RACKLOADER

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating KWH	Ah	Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
							Length X	Width Y	Height Z		Yes	No				
R25A 36.6875 x 13.5 x 31.125	24	12-D100-15	16.30	700	100	3086	35.0625	12.875	26.25	1362	X		B	12	SB6329	
	24	12-D125-15	20.37	875	125	3039	35.0625	12.875	31.125	1671	X		B	12	SB6329	
	24	12-D85-15	13.85	595	85	3016	35.0625	12.875	23.25	1197	X		B	12	SB6329	
	24	12-H120-15	19.56	840	120	3039	35.0625	12.875	31.125	1654	X		B	12	SB6329	
	24	12-H80-15	13.04	560	80	3016	35.0625	12.875	23.25	1149	X		B	12	SB6329	
	24	12-P140-15	22.81	980	140	3039	35.0625	12.875	31.125	1688	X		B	12	SB6329	
	24	12-P95-15	15.48	665	95	3016	35.0625	12.875	23.25	1209	X		B	12	SB6329	
R30ES 36 x 13.5 x 24.625	24	12-D85-15	13.85	595	85	3056	35.0625	12.875	22.625	1178		X	B	16	SB6329	
	24	12-H80-15	13.04	560	80	3056	35.0625	12.875	22.625	1131		X	B	16	SB6329	
	24	12-P95-15	15.48	665	95	3056	35.0625	12.875	22.625	1190		X	B	16	SB6329	
R30C, R30CA 32 x 13.25 x Open	24	12-D125-13	17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	12	SB6329	
	24	12-H120-13	16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	12	SB6329	
	24	12-P140-13	19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	12	SB6329	
30EA, 30EF, 30FA, 30FF R30E, R30F, R30XM R30XM2 38.375 x 14.5 x 30.8125	24	12-D125-15	**	20.37	875	125	3692	36.0625	14	30.5	1635		X	B	16	SB6322
	24	12-D125-15		20.37	875	125	3670	36.0625	14	30.5	1749		X	B	16	SB6322
	24	12-H120-15	**	19.56	840	120	3692	36.0625	14	30.5	1619		X	B	16	SB6322
	24	12-H120-15		19.56	840	120	3670	36.0625	14	30.5	1732		X	B	16	SB6322
	24	12-P140-15	**	22.81	980	140	3692	36.0625	14	30.5	1651		X	B	16	SB6322
	24	12-P140-15		22.81	980	140	3670	36.0625	14	30.5	1766		X	B	16	SB6322

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ORDER PICKERS, HI RACKER, RACKLOADER (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
30EA, 30EF, 30FA, 30FF	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	16	SB6322
R30E, R30F, R30XM	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	16	SB6322
R30XM2	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	16	SB6322
38.375 x 14.5 x 30.8125															
R30CR	24	12-D160-13	22.35	960	160	3002	35.25	15.562	31.1875	1965	X		B	18	SB6329
36.5 x 16.625 x Open															
R30CH	36	18-D125-19	39.29	1125	125	6174	38.1875	22.3125	31.4375	3196	X		B	18	SB6320
39 x 22.75 x 31.5	36	18-H120-19	37.71	1080	120	6174	38.1875	22.3125	31.4375	3164	X		B	18	SB6320
	36	18-P140-19	44.00	1260	140	6174	38.1875	22.3125	31.4375	3228	X		B	18	SB6320
40EH, R40DH	72	18-D125-13	26.19 ea	750	125	6005	37.8125	15.5625	30.5625	2169		X	A	40	SB6321 1380
See Note A	72	18-H120-13	25.14 ea	720	120	6005	37.8125	15.5625	30.5625	2147		X	A	40	SB6321 1380
42.375 x 17.375 x 31.5	72	18-P140-13	29.33 ea	840	140	6005	37.8125	15.5625	30.5625	2191		X	A	40	SB6321 1380
One (1) 24 Volt tap required with third lead															
R40BH	72	18-D125-13	26.19 ea	750	125	6005	37.8125	15.5625	30.5625	2169		X	A	40	SB6321 1380
See Note A	72	18-H120-13	25.14 ea	720	120	6005	37.8125	15.5625	30.5625	2147		X	A	40	SB6321 1380
41.8125 x 35.25 x 32.25	72	18-P140-13	29.33 ea	840	140	6005	37.8125	15.5625	30.5625	2191		X	A	40	SB6321 1380
One (1) 24 Volt tap required with third lead															
R30XMS, R30XMS2	24	12-D85-15	13.85	595	85	3056	35.0625	12.875	22.625	1178		X	B	16	SB6329
36 x 13.5 x 24.625	24	12-H80-15	13.04	560	80	3056	35.0625	12.875	22.625	1131		X	B	16	SB6329
	24	12-P95-15	15.48	665	95	3056	35.0625	12.875	22.625	1190		X	B	16	SB6329
R30XMA, R30XMF	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B	16	SB6320
39 x 14.625 x 31	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B	16	SB6320
R30XMF2	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B	16	SB6320
R30XMA, R30XMF, R30XMF2	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	16	SB6320
39 x 14.625 x 31	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	16	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	16	SB6320
R30XMA2	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B	16	SB6322
38.9375 x 14.625 x 30.8125	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B	16	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B	16	SB6322

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ORDER PICKERS, HI RACKER, RACKLOADER (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)	Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No		
R30XMA2 38.9375 x 14.625 x 30.8125	36	18-D125-11	21.83	625	125	6C93	38.25	13.75	30.5625	1858		X	B 16	SB6320
	36	18-H120-11	20.95	600	120	6C93	38.25	13.75	30.5625	1839		X	B 16	SB6320
	36	18-P140-11	24.44	700	140	6C93	38.25	13.75	30.5625	1877		X	B 16	SB6320
R30XM3, R30XMF3 39 x 14.5625 x 30.8125	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B 16	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B 16	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B 16	SB6322
R30XM3, R30XMF3 39 x 14.5625 x 30.8125	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B 16	SB6320
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B 16	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B 16	SB6320
R30XMA3 39 x 14.5625 x 31.5	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B 16	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B 16	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B 16	SB6322
R30XMA3 39 x 14.5625 x 31.5	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B 16	SB6320
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B 16	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B 16	SB6320
R30XMS3 36 x 13.5 x 24.75	24	12-D85-15	13.85	595	85	3056	35.0625	12.875	22.625	1178		X	B 16	SB6322
	24	12-H80-15	13.04	560	80	3056	35.0625	12.875	22.625	1131		X	B 16	SB6322
	24	12-P95-15	15.48	665	95	3056	35.0625	12.875	22.625	1190		X	B 16	SB6322

** Steel battery tray has ribbed sides.

Note A - These truck models require two (2) 18 cell, (36 volt) batteries. Second battery requires SB6322 connector. Special cable harness is available for series connection to truck and includes (1) SBX6340 connector with 995 A-frame handle, (1) SB6321, (1) SB6322, and (1) 1380 Power Pole. Contact EPM sales for pricing.

ea - KWH calculated for each 18 cell battery.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

STRADDLE, STRADDLE REACH TRUCKS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)	Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No		

DISCLAIMER: When battery is installed in truck, battery restraints should be adjusted to prohibit movement of the battery to no more than 1/2" in a horizontal direction. Battery dimensions are $\pm 1/16"$. Battery weights may vary $\pm 5\%$. Counterweight must be added if the service weight stamped on

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STRADDLE, STRADDLE REACH TRUCKS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
N30CA, N30CR, N40CA	24	12-D160-9	14.90	640	160	3007	35.062	10.937	31.125	1417	X		A	18	SB6322
N40CR, N50CA	24	12-D125-13	17.46	750	125	3179	35.5625	11.5625	31.125	1475	X		A	18	SB6322
38.5625 x 12 x 31.875	24	12-H120-13	16.76	720	120	3179	35.5625	11.5625	31.125	1460	X		A	18	SB6322
	24	12-P140-13	19.56	840	140	3179	35.5625	11.5625	31.125	1490	X		A	18	SB6322
	24	12-D125-15	20.37	875	125	3259	38.0625	11.875	31.125	1679	X		A	18	SB6322
	24	12-H120-15	19.56	840	120	3259	38.0625	11.875	31.125	1662	X		A	18	SB6322
	24	12-P140-15	22.81	980	140	3259	38.0625	11.875	31.125	1696	X		A	18	SB6322
N30CA, N30CR, N40CA	24	12-D160-11	18.62	800	160	3004	36	14	31.125	1737	X		A	18	SB6322
N40CR, N50CA															
38.5625 x 14.75 x 31.875															
N30CA, N30CR, N40CA	36	18-D125-11	21.83	625	125	6138	37.8125	13.3125	31.1875	1891	X		A	18	SB6322
N40CR, N50CA	36	18-H120-11	20.95	600	120	6138	37.8125	13.3125	31.1875	1872	X		A	18	SB6322
38.5625 x 14.75 x 31.875	36	18-P140-11	24.44	700	140	6138	37.8125	13.3125	31.1875	1910	X		A	18	SB6322
N30CA, N30CR, N40CA	48	24-D125-9	23.28	500	125	7287	37.8125	14.5625	31.1875	2064	X		A	18	SB6322
N40CR, N50CA	48	24-H120-9	22.35	480	120	7287	37.8125	14.5625	31.1875	2043	X		A	18	SB6322
38.5625 x 14.75 x 31.875	48	24-P140-9	26.07	560	140	7287	37.8125	14.5625	31.1875	2085	X		A	18	SB6322
N30CA, N30CR, N40CA	24	12-D160-13	22.35	960	160	3002	35.25	15.562	31.1875	1965	X		A	18	SB6322
N40CR, N50CA															
38.5625 x 16.5 x 31.875															
N30CA, N30CR, N40CA	36	18-D125-13	26.19	750	125	6277	37.8125	15.5625	31.1875	2199	X		A	18	SB6322
N40CR, N50CA	36	18-H120-13	25.14	720	120	6277	37.8125	15.5625	31.1875	2177	X		A	18	SB6322
38.5625 x 16.5 x 31.875	36	18-P140-13	29.33	840	140	6277	37.8125	15.5625	31.1875	2221	X		A	18	SB6322
N30CA, N30CR, N40CA	48	24-D125-9	23.28	500	125	7287	37.8125	14.5625	31.1875	2064	X		A	18	SB6322
N40CR, N50CA	48	24-H120-9	22.35	480	120	7287	37.8125	14.5625	31.1875	2043	X		A	18	SB6322
38.5625 x 16.5 x 31.875	48	24-P140-9	26.07	560	140	7287	37.8125	14.5625	31.1875	2085	X		A	18	SB6322
N30FR	24	12-D125-13	17.46	750	125	3176	35.5625	11.5625	30.5	1457		X	B	18	SB6322
39 x 12.5 x 31.5	24	12-H120-13	16.76	720	120	3176	35.5625	11.5625	30.5	1442		X	B	18	SB6322
	24	12-P140-13	19.56	840	140	3176	35.5625	11.5625	30.5	1472		X	B	18	SB6322
	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1645		X	B	18	SB6322
	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1629		X	B	18	SB6322
	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1661		X	B	18	SB6322

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STRADDLE, STRADDLE REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
N40EA, N40ER 38.375 x 12.0625 x 31.5	24	12-D125-13	17.46	750	125	3176	35.5625	11.5625	30.5	1457	X	B	18	SB6322	
	24	12-H120-13	16.76	720	120	3176	35.5625	11.5625	30.5	1442	X	B	18	SB6322	
	24	12-P140-13	19.56	840	140	3176	35.5625	11.5625	30.5	1472	X	B	18	SB6322	
	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1645	X	B	18	SB6322	
	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1629	X	B	18	SB6322	
	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1661	X	B	18	SB6322	
N30XMR2, N50XMA2 38.875 x 12.5 x 31.1875	24	12-D125-13	17.46	750	125	3176	35.5625	11.5625	30.5	1457	X	B	18	SB6322	
	24	12-H120-13	16.76	720	120	3176	35.5625	11.5625	30.5	1442	X	B	18	SB6322	
	24	12-P140-13	19.56	840	140	3176	35.5625	11.5625	30.5	1472	X	B	18	SB6322	
	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1645	X	B	18	SB6322	
	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1629	X	B	18	SB6322	
	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1661	X	B	18	SB6322	
N40EA, N50FA 38.375 x 14.5 x 31.5	24	12-D125-15	**	20.37	875	125	3692	36.0625	14	30.5	1635	X	B	18	SB6322
	24	12-D125-15		20.37	875	125	3670	36.0625	14	30.5	1749	X	B	18	SB6322
	24	12-H120-15	**	19.56	840	120	3692	36.0625	14	30.5	1619	X	B	18	SB6322
	24	12-H120-15		19.56	840	120	3670	36.0625	14	30.5	1732	X	B	18	SB6322
	24	12-P140-15	**	22.81	980	140	3692	36.0625	14	30.5	1651	X	B	18	SB6322
	24	12-P140-15		22.81	980	140	3670	36.0625	14	30.5	1766	X	B	18	SB6322
	24	12-D125-17		23.28	1000	125	3127	38.1875	13.5	30.5625	1948	X	B	18	SB6322
	24	12-H120-17		22.35	960	120	3127	38.1875	13.5	30.5625	1929	X	B	18	SB6322
N40EA, N50FA 38.375 x 14.5 x 31.5	36	18-D125-11		21.83	625	125	6016	37.8125	13.3125	30.5625	1853	X	B	18	SB6322
	36	18-H120-11		20.95	600	120	6016	37.8125	13.3125	30.5625	1834	X	B	18	SB6322
	36	18-P140-11		24.44	700	140	6016	37.8125	13.3125	30.5625	1872	X	B	18	SB6322
N40ER, N40FR, N45FR 38.75 x 14.75 x 31.5	24	12-D125-15	**	20.37	875	125	3692	36.0625	14	30.5	1635	X	B	18	SB6322
	24	12-D125-15		20.37	875	125	3670	36.0625	14	30.5	1749	X	B	18	SB6322
	24	12-H120-15	**	19.56	840	120	3692	36.0625	14	30.5	1619	X	B	18	SB6322
	24	12-H120-15		19.56	840	120	3670	36.0625	14	30.5	1732	X	B	18	SB6322
	24	12-P140-15	**	22.81	980	140	3692	36.0625	14	30.5	1651	X	B	18	SB6322
	24	12-P140-15		22.81	980	140	3670	36.0625	14	30.5	1766	X	B	18	SB6322
	24	12-D125-17		23.28	1000	125	3127	38.1875	13.5	30.5625	1948	X	B	18	SB6322
	24	12-H120-17		22.35	960	120	3127	38.1875	13.5	30.5625	1929	X	B	18	SB6322
	24	12-P140-17		26.07	1120	140	3127	38.1875	13.5	30.5625	1967	X	B	18	SB6322

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STRADDLE, STRADDLE REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
N40ER, N40FR, N45FR 38.75 x 14.75 x 31.5	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	18	SB6322	
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	18	SB6322	
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	18	SB6322	
N25XMDR2, N30XMR, N40XMR N50XMA2 38.875 x 14.625 x 31.1875	24	12-D125-15	**	20.37	875	125	3692	36.0625	14	30.5	1635		X	B	18	SB6322
	24	12-D125-15		20.37	875	125	3670	36.0625	14	30.5	1749		X	B	18	SB6322
	24	12-H120-15	**	19.56	840	120	3692	36.0625	14	30.5	1619		X	B	18	SB6322
	24	12-H120-15		19.56	840	120	3670	36.0625	14	30.5	1732		X	B	18	SB6322
	24	12-P140-15	**	22.81	980	140	3692	36.0625	14	30.5	1651		X	B	18	SB6322
	24	12-P140-15		22.81	980	140	3670	36.0625	14	30.5	1766		X	B	18	SB6322
	24	12-D125-17		23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B	18	SB6322
	24	12-H120-17		22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B	18	SB6322
24	12-P140-17		26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B	18	SB6322	
N25XMDR2, N30XMR, N40XMR N50XMA2 38.875 x 14.625 x 31.1875	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	18	SB6322	
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	18	SB6322	
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	18	SB6322	
N45ER, N50EA 38.375 x 14.5 x 31.5	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	18	SB6320	
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	18	SB6320	
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	18	SB6320	
N40FR, N50FA 38.5625 x 16.5 x 31.5	24	12-D160-13	22.35	960	160	3049	35.25	15.5625	30.5625	1985		X	B	18	SB6322	
N40FR, N50FA 38.5625 x 16.5 x 31.5	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	18	SB6322	
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	18	SB6322	
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	18	SB6322	
N25XMDR2, N25XMDR3 N40XMR2, N45XMR2 N50XMA2 38.875 x 16.625 x 31.1875	24	12-D160-13	22.35	960	160	3049	35.25	15.5625	30.5625	1985		X	B	18	SB6322	
M25XMDR3, N25XMDR2 N30XMDR, N40XMRS, N45XMR N45XMR2, N50XMA2 38.875 x 16.625 x 31.1875	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	18	SB6320	
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	18	SB6320	
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	18	SB6320	

DISCLAIMER: When battery is installed in truck, battery restraints should be adjusted to prohibit movement of the battery to no more than 1/2" in a horizontal direction. Battery dimensions are ±1/16". Battery weights may vary ±5%. Counterweight must be added if the service weight stamped on

the battery is less than the minimum weight required on that particular model truck. The information is subject to change upon notice from equipment manufacturers or field experience. East Penn expressly denies any responsibility for the accuracy of this information. While East Penn has and continues to

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STRADDLE, STRADDLE REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
N45ER, N50EA 38.375 x 16.5 x 31.5	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	18	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	18	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	18	SB6320
N30XMDR, N30MXDR N30MXDR3, N45FR N45XMR2, N45XMR N45XMR3 39 x 18.75 x 31.5	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2488		X	B	18	SB6320
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2463		X	B	18	SB6320
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2513		X	B	18	SB6320
N45FR 39 x 21.125 x 31.5	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	18	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	18	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	18	SB6320
N30XMDR, N30XMDR3 N30MXDR, N30MXDR3 N45XMR, N45XMR N45XMR3 38.875 x 21.125 x 31.1875	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	18	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	18	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	18	SB6320
N35ZRS 38.8125 x 12.25 x 31	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1645		X	B	16	SB6322
	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1629		X	B	16	SB6322
	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1661		X	B	16	SB6322
N35ZRS, N40ZRS 38.8125 x 14.25 x 31	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1948		X	B	16	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1929		X	B	16	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1967		X	B	16	SB6322
N35ZRS, N40ZRS 38.8125 x 16.25 x 31	24	12-D125-19	26.19	1125	125	3170	38.1875	15.125	30.5625	2166		X	B	16	SB6322
	24	12-H120-19	25.14	1080	120	3170	38.1875	15.125	30.5625	2144		X	B	16	SB6322
	24	12-P140-19	29.33	1260	140	3170	38.1875	15.125	30.5625	2188		X	B	16	SB6322
N30ZDR, N30ZDRS 38.8125 x 14.25 x 31	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	16	SB6320
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	16	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	16	SB6320
N30ZDRS 38.8125 x 16.25 x 31	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	16	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	16	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	16	SB6320

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STRADDLE, STRADDLE REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
N45ZR, N30ZDR, N35ZDR 39 x 16.5 x 31.5 Min. Battery Wt. - 1850 lbs.	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	16	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	16	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	16	SB6320
N45ZR, N35ZDR 39 x 18.5 x 34.5 Min. Battery Wt. - 2200 lbs.	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2488		X	B	16	SB6320
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2463		X	B	16	SB6320
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2513		X	B	16	SB6320
N35ZDR 39 x 21.5 x 31.5	36	18-D125-17	34.92	1000	125	6056	38.5	21	30.5625	2887		X	B	16	SB6320
	36	18-H120-17	33.52	960	120	6056	38.5	21	30.5625	2858		X	B	16	SB6320
	36	18-P140-17	39.11	1120	140	6056	38.5	21	30.5625	2916		X	B	16	SB6320
B45ZR 39 x 24.5 x 31.5 Min. Battery Wt. - 2500 lbs.	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	18	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	18	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	18	SB6320

** Steel battery tray has ribbed sides.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

STAND-UP RIDERS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
E20AR, E25AR 27 x 19.75 x 31.25	36	18-D125-11	21.83	625	125	6728	26.0625	19	30.5	1788		X	B	18	SB6325
	36	18-H120-11	20.95	600	120	6728	26.0625	19	30.5	1770		X	B	18	SB6325
	36	18-P140-11	24.44	700	140	6728	26.0625	19	30.5	1806		X	B	18	SB6325
E30AR, E30CR 38.6875 x 15.875 x 32	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	C	30	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	C	30	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	C	30	SB6320
E40AR, E40CR 38.6875 x 20.75 x 32	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	C	36	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	C	36	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	C	36	SB6320

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STAND-UP RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
E30BC, E40BC 39 x 28.375 x 25.6875	36	18-D100-23	38.41	1100	100	6140	38.1875	26.9375	25.6875	3095		X	B	30	SB6320	w/919
	36	18-D85-23	32.65	935	85	6839	38.5	26.9375	22.6875			X	B	30	SB6320	w/919
	36	18-H80-23	30.73	880	80	6839	38.5	26.9375	22.6875			X	B	30	SB6320	w/919
	36	18-P95-23	36.49	1045	95	6839	38.5	26.9375	22.6875			X	B	30	SB6320	w/919
E30BC, E40BC 39 x 28.375 x 25.6875	48	24-D100-17	37.25	800	100	7086	38.1875	26.6875	25.6875	3112		X	B	30	SB6321	w/919
	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2705		X	B	30	SB6321	w/919
	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2597		X	B	30	SB6321	w/919
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2732		X	B	30	SB6321	w/919
E50BC, E60BC 39 x 31.25 x 25.6875	36	18-D100-25	41.90	1200	100	6202	38.1875	29.1875	25.6875	3360		X	B	30	SB6320	w/919
	36	18-D85-25	35.62	1020	85	6030	38.1875	29.1875	22.6875	2924		X	B	30	SB6320	w/919
	36	18-H80-25	33.52	960	80	6030	38.1875	29.1875	22.6875	2807		X	B	30	SB6320	w/919
	36	18-P95-25	39.81	1140	95	6030	38.1875	29.1875	22.6875	2953		X	B	30	SB6320	w/919
E50BC, E60BC 39 x 31.25 x 25.6875	48	24-D100-19	41.90	900	100	7043	38.1875	29.6875	25.6875	3400		X	B	30	SB6321	w/919
	48	24-D85-19	35.62	765	85	7003	38.1875	29.6875	22.6875	2970		X	B	30	SB6321	w/919
	48	24-H80-19	33.52	720	80	7003	38.1875	29.6875	22.6875	2851		X	B	30	SB6321	w/919
	48	24-P95-19	39.81	855	95	7003	38.1875	29.6875	22.6875	3000		X	B	30	SB6321	w/919
E30FR 38.75 x 15.5 x 31.625	24	12-D125-19	26.19	1125	125	3134	38.1875	15	30.5625	2126		X	D	9	SB6322	w/919
	24	12-H120-19	25.14	1080	120	3134	38.1875	15	30.5625	2105		X	D	9	SB6322	w/919
	24	12-P140-19	29.33	1260	140	3134	38.1875	15	30.5625	2147		X	D	9	SB6322	w/919
E30FR, E35FR 38.75 x 16.125 x 31.625	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	D	9	SB6320	w/919
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	D	9	SB6320	w/919
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	D	9	SB6320	w/919
D45FR, E40F, E40FR, E45F E50F, E50FR, E55F 38.875 x 20.5 x 31.625	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	D	9	SB6320	w/919
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	D	9	SB6320	w/919
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	D	9	SB6320	w/919
E30ER 38.75 x 16 x 32	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	A	8	SB6320	w/919
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	A	8	SB6320	w/919
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	A	8	SB6320	w/919
E40ER, E50ER 38.75 x 20.75 x 32	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	A	8	SB6320	w/919
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	A	8	SB6320	w/919
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	A	8	SB6320	w/919

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STAND-UP RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)	Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
E30HSD, E35HSD 38.625 x 18.3125 x 31.125	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2488		X	B	30	SB6320 w/919
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2463		X	B	30	SB6320 w/919
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2513		X	B	30	SB6320 w/919
E35HSD Optional, E40HSD 38.625 x 20.8125 x 31.125	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	30	SB6320 w/919
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	30	SB6320 w/919
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	30	SB6320 w/919
E30HSD Optional Compartment 38.625 x 16.3125 x 31	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	30	SB6320 w/919
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	30	SB6320 w/919
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	30	SB6320 w/919
E30HSD2 38.5625 x 16.3125 x 31.0625	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	20	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	20	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	20	SB6320
E30HSD2, E35HSD2 E40HSD2 38.5625 x 18.3125 x 31.0625	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2488		X	B	20	SB6320
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2463		X	B	20	SB6320
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2513		X	B	20	SB6320
E35HSD2, E40HSD2 38.5625 x 20.8125 x 31.0625	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	20	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	20	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	20	SB6320

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

SIT DOWN RIDERS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)	Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
CA60XT, CA80XT 32 x 13.4375 x 31 Min. Battery Wt. - 986 lbs.	24	12-D100-13	13.97	600	100	3015	30.5625	12.75	26.25	1193	X		B	15	SB6328
J25B, J30BS 39.375 x 16.75 x 26	24	12-D100-21	23.28	1000	100	3139	38.1875	16.5	25.6875	1910		X	A	30	SB6322 w/919
	24	12-D85-21	19.79	850	85	3031	38.0625	16.375	22.625	1620		X	A	30	SB6322 w/919
	24	12-H80-21	18.62	800	80	3031	38.0625	16.375	22.625	1555		X	A	30	SB6322 w/919
	24	12-P95-21	22.12	950	95	3031	38.0625	16.375	22.625	1636		X	A	30	SB6322 w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
J25B, J30BS 39.375 x 16.75 x 26	36	18-D100-13	20.95	600	100	6086	37.6875	15.4375	25.625	1718		X	A	30	SB6320	w/919
	36	18-D85-13	17.81	510	85	6062	37.6875	15.4375	22.625	1507		X	A	30	SB6320	w/919
	36	18-H80-13	16.76	480	80	6062	37.6875	15.4375	22.625	1447		X	A	30	SB6320	w/919
	36	18-P95-13	19.90	570	95	6062	37.6875	15.4375	22.625	1522		X	A	30	SB6320	w/919
J30B 39.375 x 23.5 x 26	24	12-D100-29	32.59	1400	100	3087	38.1875	22.5625	25.6875			X	A	30	SB6322	w/919
	24	12-D85-29	27.70	1190	85	3565	38.1875	22.5625	22.6875	2306		X	A	30	SB6322	w/919
	24	12-H80-29	26.07	1120	80	3565	38.1875	22.5625	22.6875	2214		X	A	30	SB6322	w/919
	24	12-P95-29	30.96	1330	95	3565	38.1875	22.5625	22.6875	2329		X	A	30	SB6322	w/919
J30B 39.375 x 23.5 x 26	36	18-D100-19	31.43	900	100	6057	38.1875	22.3125	25.6875	2564		X	A	30	SB6320	w/919
	36	18-D85-19	26.71	765	85	6041	38.1875	22.3125	22.6875	2242		X	A	30	SB6320	w/919
	36	18-H80-19	25.14	720	80	6041	38.1875	22.3125	22.6875	2152		X	A	30	SB6320	w/919
	36	18-P95-19	29.86	855	95	6041	38.1875	22.3125	22.6875	2264		X	A	30	SB6320	w/919
J35B 39.375 x 26.5 x 26	24	12-D100-33	37.25	1600	100	3650	38.1875	25.5625	25.6875	2743		X	A	30	SB6322	w/919
	24	12-D85-33	31.66	1360	85	3431	38.1875	25.5625	22.6875	2563		X	A	30	SB6322	w/919
	24	12-H80-33	29.80	1280	80	3431	38.1875	25.5625	22.6875	2460		X	A	30	SB6322	w/919
	24	12-P95-33	35.39	1520	95	3431	38.1875	25.5625	22.6875	2589		X	A	30	SB6322	w/919
J35B 39.375 x 26.5 x 26	36	18-D100-21	34.92	1000	100	6067	38.1875	24.5625	25.6875	2805		X	A	30	SB6320	w/919
	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2484		X	A	30	SB6320	w/919
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2385		X	A	30	SB6320	w/919
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2509		X	A	30	SB6320	w/919
A30XL 32.875 x 19.6875 x 26.6875	24	12-D100-21	23.28	1000	100	3385	32.5625	19.1875	25.625	1856		X	A	30	SB6322	w/919
	24	12-D85-21	19.79	850	85	3078	32.5625	19.1875	22.625	1638		X	A	30	SB6322	w/919
	24	12-H80-21	18.62	800	80	3078	32.5625	19.1875	22.625	1572		X	A	30	SB6322	w/919
	24	12-P95-21	22.12	950	95	3078	32.5625	19.1875	22.625	1654		X	A	30	SB6322	w/919
E25XL2, E30XL2, E35XL2 35.125 x 27.3125 x 23.125	36	18-D85-17	23.75	680	85	6001	33.1875	25.5625	22.6875	2090		X	A	30	SB6320	w/919
	36	18-H80-17	22.35	640	80	6001	33.1875	25.5625	22.6875	2006		X	A	30	SB6320	w/919
	36	18-P95-17	26.54	760	95	6001	33.1875	25.5625	22.6875	2111		X	A	30	SB6320	w/919
E25XL2, E30XL2, E35XL2 35.125 x 27.3125 x 23.125	48	24-D85-13	23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	A	30	SB6321	w/919
	48	24-H80-13	22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	A	30	SB6321	w/919
	48	24-P95-13	26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	A	30	SB6321	w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
E25XL, E30XL, E35XL 35.8125 x 27.3125 x 23.125	36	18-D85-19	26.71	765	85	6226	34.9375	25.5625	22.6875	2284		X	A	30	SB6320	w/919
	36	18-H80-19	25.14	720	80	6226	34.9375	25.5625	22.6875	2193		X	A	30	SB6320	w/919
	36	18-P95-19	29.86	855	95	6226	34.9375	25.5625	22.6875	2307		X	A	30	SB6320	w/919
E25XL, E30XL, E35XL 35.8125 x 27.3125 x 24.5625	48	24-D85-15	27.70	595	85	7049	35.1875	25.5625	22.6875	2338		X	A	30	SB6321	w/919
	48	24-H80-15	26.07	560	80	7049	35.1875	25.5625	22.6875	2244		X	A	30	SB6321	w/919
	48	24-P95-15	30.96	665	95	7049	35.1875	25.5625	22.6875	2361		X	A	30	SB6321	w/919
J40XL2, J50XL2 38.8125 x 33.125 x 23.125	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320	
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320	
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320	
J40XL2, J50XL2 38.8125 x 33.125 x 23.125	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321	
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321	
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321	
J40XL, J50XL 38.8125 x 33.125 x 24.5625	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320	
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320	
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320	
J40XL, J50XL 38.8125 x 33.125 x 24.5625	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321	
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321	
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321	
J40XL2, J50XL2, J60XL2 38.8125 x 39.75 x 23.125	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
J40XL2, J50XL2, J60XL2 38.8125 x 39.75 x 23.125	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6321	
	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6321	
	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6321	
J40XL, J50XL, J60XL 38.8125 x 39.75 x 24.5625	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
J40XL, J50L, J60XL 38.8125 x 39.75 x 24.5625	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6321	
	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6321	
	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6321	

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
E40XL2, E50XL2 38.8125 x 27.3125 x 23.125	36	18-D85-23	32.65	935	85	6009	38.1875	26.9375	22.6875	2715		X	B	30	SB6320
	36	18-H80-23	30.73	880	80	6009	38.1875	26.9375	22.6875	2606		X	B	30	SB6320
	36	18-P95-23	36.49	1045	95	6009	38.1875	26.9375	22.6875	2742		X	B	30	SB6320
E40XL2, E50SL2 38.8125 x 27.3125 x 23.125	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2705		X	B	30	SB6321
	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2597		X	B	30	SB6321
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2732		X	B	30	SB6321
E40XL, E50XL 38.8125 x 27.3125 x 24.5625	36	18-D85-23	32.65	935	85	6009	38.1875	26.9375	22.6875	2715		X	B	30	SB6320
	36	18-H80-23	30.73	880	80	6009	38.1875	26.9375	22.6875	2606		X	B	30	SB6320
	36	18-P95-23	36.49	1045	95	6009	38.1875	26.9375	22.6875	2742		X	B	30	SB6320
E40XL, E50XL 38.8125 x 27.3125 x 24.5625	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2705		X	B	30	SB6321
	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2597		X	B	30	SB6321
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2732		X	B	30	SB6321
E40XL2, E50XL2, E60XL2 38.8125 x 33.125 x 23.125	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320
E40XL2, E50XL2, E60XL2 38.8125 x 33.125 x 23.125	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321
E40XL, E50XL, E60XL 38.8125 x 33.125 x 24.5625	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320
E40XL, E50XL, E60XL 38.8125 x 33.125 x 24.5625	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321
E60B, E70B, E80BS 41.8125 x 40 x 23.625	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	A	30	SB6320
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	A	30	SB6320
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	A	30	SB6320
E60B, E70B, E80BS 41.8125 x 40 x 23.625	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	A	30	SB6321
	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	A	30	SB6321
	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	A	30	SB6321

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
E100XL2S, E70XL2S	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
E80XL2S	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
44 x 39.125 x 23.125	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
E100XL2S, E70XL2S	48	24-D85-27	51.45	1105	85	7085	41.6875	38.1875	22.6875	4097		X	B	30	SB6321	
E80XL2S	48	24-H80-27	48.42	1040	80	7085	41.6875	38.1875	22.6875	3933		X	B	30	SB6321	
44 x 39.125 x 23.125	48	24-P95-27	57.50	1235	95	7085	41.6875	38.1875	22.6875	4138		X	B	30	SB6321	
E100XLS, E70XL, E80XL	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
45.0625 x 39.0625 x 23.125	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
E100XLS, E70XL, E80XL	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	B	30	SB6321	
45.0625 x 39.0625 x 23.125	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	B	30	SB6321	
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	B	30	SB6321	
*E100XL2, *E120XL2	36	36-D85-21	**	59.36	1700	85	8038	43.625	43.625	22.75	5010		X	B	30	SB6320
E100XL3, E120XL3	36	36-H80-21	**	55.87	1700	80	8038	43.625	43.625	22.75	4810		X	B	30	SB6320
45.625 x 44 x 23.125	36	36-P95-21	**	66.35	1700	95	8038	43.625	43.625	22.75	5060		X	B	30	SB6320
See Note B																
E100XL2, E100XL3	48	24-D85-31	59.36	1275	85	7460	44.5625	42.75	22.75	5013		X	D	30	SB6321	
E120XL2, E120XL3	48	24-H80-31	55.87	1200	80	7460	44.5625	42.75	22.75	4812		X	D	30	SB6321	
45.625 x 44 x 23.125	48	24-P95-31	66.35	1425	95	7460	44.5625	42.75	22.75	5063		X	D	30	SB6321	
See Note B																
*E100XL, *E120XL	36	36-D85-21	**	59.36	1700	85	8038	43.625	43.625	22.75	5010		X	B	30	SB6320
45.5625 x 45.0625 x 23.125	36	36-H80-21	**	55.87	1700	80	8038	43.625	43.625	22.75	4810		X	B	30	SB6320
See Note B	36	36-P95-21	**	66.35	1700	95	8038	43.625	43.625	22.75	5060		X	B	30	SB6320
E100XL, E120XL	48	24-D85-33	63.32	1360	85	7311	44.5625	44.5625	22.75	5208		X	B	30	SB6321	
45.5625 x 45.0625 x 23.125	48	24-H80-33	59.60	1280	80	7311	44.5625	44.5625	22.75	5000		X	B	30	SB6321	
See Note B	48	24-P95-33	70.77	1520	95	7311	44.5625	44.5625	22.75	5260		X	B	30	SB6321	
*E100B, *E120B	36	36-D85-19	**	53.43	1530	85	8008	44.1875	38.1875	22.6875	4422		X	B	30	SB6320
46.5 x 41.75 x 23.625																

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
E100B, E120B 46.5 x 41.75 x 23.625	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	B	30	SB6321
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	B	30	SB6321
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	B	30	SB6321
E45XM, E45XM2, E45Z-33 E50Z-33, E55Z-33, E60XM E60XM2, E60Z-33 38.75 x 33.125 x 24.375	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320 w/919
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320 w/919
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320 w/919
E45XM, E45XM2, E45Z-33 E50Z-33, E55Z-33, E60XM E60XM2, E60Z-33 38.75 x 33.125 x 24.375	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321 w/919
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321 w/919
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321 w/919
E64XM2, E65XM, E65XM2 E65Z-40 38.75 x 39.75 x 24.375	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320 w/919
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320 w/919
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320 w/919
E64XM2, E65XM, E65XM2 E65Z-40 38.75 x 39.75 x 24.375	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6321 w/919
	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6321 w/919
	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6321 w/919
J30XMT 39 x 16.6875 x 23.0625	36	18-D85-13	17.81	510	85	6062	37.6875	15.4375	22.625	1507		X	B	30	SB6320 w/919
	36	18-H80-13	16.76	480	80	6062	37.6875	15.4375	22.625	1447		X	B	30	SB6320 w/919
	36	18-P95-13	19.90	570	95	6062	37.6875	15.4375	22.625	1522		X	B	30	SB6320 w/919
J30XMT 39 x 16.6875 x 23.0625	48	24-D85-9	15.83	340	85	7151	37.6875	14.4375	22.625	1422		X	B	30	SB6321 w/919
	48	24-H80-9	14.90	320	80	7151	37.6875	14.4375	22.625	1365		X	B	30	SB6321 w/919
	48	24-P95-9	17.69	380	95	7151	37.6875	14.4375	22.625	1436		X	B	30	SB6321 w/919
J30XMT, J30XMT2 39 x 21.5 x 23.0625	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2041		X	B	30	SB6320 w/919
	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1959		X	B	30	SB6320 w/919
	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2061		X	B	30	SB6320 w/919
J30ZT 39 x 21.5 x 23.0625	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2041		X	A	25	SB6320 w/919
	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1959		X	A	25	SB6320 w/919
	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2061		X	A	25	SB6320 w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
J30ZT Optional Compartment 39 x 21.5 x 26.125	36	18-D100-17	27.94	800	100	6060	38.1875	20.0625	25.6875	2322		X	A	25	SB6320	w/919
J30XMT, J30XMT2 39 x 21.5 x 23.0625	48	24-D85-13	23.75	510	85	7017	37.8125	20.5625	22.6875	2038		X	B	30	SB6321	w/919
	48	24-H80-13	22.35	480	80	7017	37.8125	20.5625	22.6875	1956		X	B	30	SB6321	w/919
	48	24-P95-13	26.54	570	95	7017	37.8125	20.5625	22.6875	2058		X	B	30	SB6321	w/919
J30ZT 39 x 21.5 x 23.0625	48	24-D85-13	23.75	510	85	7017	37.8125	20.5625	22.6875	2038		X	A	25	SB6321	w/919
	48	24-H80-13	22.35	480	80	7017	37.8125	20.5625	22.6875	1956		X	A	25	SB6321	w/919
	48	24-P95-13	26.54	570	95	7017	37.8125	20.5625	22.6875	2058		X	A	25	SB6321	w/919
J30ZT Optional Compartment 39 x 21.5 x 26.125	48	24-D100-13	27.94	600	100	7106	37.8125	20.5625	25.6875	2342		X	A	25	SB6321	w/919
E25XM2, E30XM2, E35XM2 E40XM2S 34.5625 x 27.25 x 24.125	36	18-D85-17	23.75	680	85	6001	33.1875	25.5625	22.6875	2090		X	A	30	SB6320	w/919
	36	18-H80-17	22.35	640	80	6001	33.1875	25.5625	22.6875	2006		X	A	30	SB6320	w/919
	36	18-P95-17	26.54	760	95	6001	33.1875	25.5625	22.6875	2111		X	A	30	SB6320	w/919
E25XM2, E30XM2, E35XM2 E40XM2S 34.5625 x 27.25 x 24.125	48	24-D85-13	23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	A	30	SB6321	w/919
	48	24-H80-13	22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	A	30	SB6321	w/919
	48	24-P95-13	26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	A	30	SB6321	w/919
E25XM2, E30XM2, E35XM2 E40XM2S 35.75 x 27.25 x 24.125	36	18-D85-19	26.71	765	85	6226	34.9375	25.5625	22.6875	2284		X	A	30	SB6320	w/919
	36	18-H80-19	25.14	720	80	6226	34.9375	25.5625	22.6875	2193		X	A	30	SB6320	w/919
	36	18-P95-19	29.86	855	95	6226	34.9375	25.5625	22.6875	2307		X	A	30	SB6320	w/919
E25XM2, E30XM2, E35XM2 E40XM2S 35.75 x 27.25 x 24.125	48	24-D85-15	27.70	595	85	7049	35.1875	25.5625	22.6875	2338		X	A	30	SB6321	w/919
	48	24-H80-15	26.07	560	80	7049	35.1875	25.5625	22.6875	2244		X	A	30	SB6321	w/919
	48	24-P95-15	30.96	665	95	7049	35.1875	25.5625	22.6875	2361		X	A	30	SB6321	w/919
E30XN, E35XN, E40XN 35.5625 x 27.5625 x 23.5 ** WITH ROLLERS **	36	18-D85-19	26.71	765	85	6E46	35.25	27	22.6875	2345		X	B	25	EURO320	
	36	18-H80-19	25.14	720	80	6E46	35.25	27	22.6875	2251		X	B	25	EURO320	
	36	18-P95-19	29.86	855	95	6E46	35.25	27	22.6875	2368		X	B	25	EURO320	
E30XN, E35XN, E40XN 35.5625 x 27.5625 x 24 ** WITHOUT ROLLERS **	36	18-D85-19	26.71	765	85	6E46	35.25	27	22.6875	2345		X	B	25	EURO320	
	36	18-H80-19	25.14	720	80	6E46	35.25	27	22.6875	2251		X	B	25	EURO320	
	36	18-P95-19	29.86	855	95	6E46	35.25	27	22.6875	2368		X	B	25	EURO320	

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
E30XN, E35XN, E40XN 35.5625 x 27.5625 x 23.5 ** WITH ROLLERS **	48	24-D85-15	27.70	595	85	7894	35.25	27	22.6875	2420		X	B	25	EURO320
	48	24-H80-15	26.07	560	80	7894	35.25	27	22.6875	2323		X	B	25	EURO320
	48	24-P95-15	30.96	665	95	7894	35.25	27	22.6875	2444		X	B	25	EURO320
E30XN, E35XN, E40XN 35.5625 x 27.5625 x 24 ** WITHOUT ROLLERS **	48	24-D85-15	27.70	595	85	7894	35.25	27	22.6875	2420		X	B	25	EURO320
	48	24-H80-15	26.07	560	80	7894	35.25	27	22.6875	2323		X	B	25	EURO320
	48	24-P95-15	30.96	665	95	7894	35.25	27	22.6875	2444		X	B	25	EURO320
E45XM, E45XM2, E45Z-27 E50XM, E50XM2, E50Z-27 38.75 x 27.3125 x 24.375	36	18-D85-23	32.65	935	85	6009	38.1875	26.9375	22.6875	2715		X	B	30	SB6320 w/919
	36	18-H80-23	30.73	880	80	6009	38.1875	26.9375	22.6875	2606		X	B	30	SB6320 w/919
	36	18-P95-23	36.49	1045	95	6009	38.1875	26.9375	22.6875	2742		X	B	30	SB6320 w/919
E45XM, E45XM2, E45Z-27 E50XM, E50XM2, E50Z-27 38.75 x 27.3125 x 24.375	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2705		X	B	30	SB6321 w/919
	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2597		X	B	30	SB6321 w/919
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2732		X	B	30	SB6321 w/919
J35XMT, J35XMT2, J40XMT J40XMT2 39 x 25.125 x 23.0625	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2484		X	B	30	SB6320 w/919
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2385		X	B	30	SB6320 w/919
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2509		X	B	30	SB6320 w/919
J35ZT 39 x 25.125 x 23.0625	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2484		X	A	25	SB6320 w/919
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2385		X	A	25	SB6320 w/919
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2509		X	A	25	SB6320 w/919
J35ZT, J40ZT Optional Compartment 39 x 25.125 x 26.125	36	18-D100-21	34.92	1000	100	6067	38.1875	24.5625	25.6875	2805		X	A	25	SB6320 w/919
J35XMT, J35XMT2, J40XMT J40XMT2 39 x 25.125 x 23.0625	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2340		X	B	30	SB6321 w/919
	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2246		X	B	30	SB6321 w/919
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2363		X	B	30	SB6321 w/919
J35ZT 39 x 25.125 x 23.0625	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2340		X	A	25	SB6321 w/919
	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2246		X	A	25	SB6321 w/919
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2363		X	A	25	SB6321 w/919
J35ZT, J40ZT Optional Compartment 39 x 25.125 x 26.125	48	24-D100-15	32.59	700	100	7135	38.1875	23.5625	25.6875	2662		X	A	25	SB6321 w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
J40XM, J40XM2, J50XM	36	18-D125-23	48.02	1375	125	6294	38.1875	26.9375	30.5625	3742		X	B	30	SB6320	w/919
J50XM2	36	18-H120-23	46.09	1320	120	6294	38.1875	26.9375	30.5625	3705		X	B	30	SB6320	w/919
38.75 x 28.25 x 30.875	36	18-P140-23	53.78	1540	140	6294	38.1875	26.9375	30.5625	3779		X	B	30	SB6320	w/919
J40XM, J40XM2, J50XM	48	24-D125-17	46.56	1000	125	7024	38.1875	26.6875	30.5625	3770		X	B	30	SB6321	w/919
J50XM2	48	24-H120-17	44.70	960	120	7024	38.1875	26.6875	30.5625	3732		X	B	30	SB6321	w/919
38.75 x 28.25 x 30.875	48	24-P140-17	52.15	1120	140	7024	38.1875	26.6875	30.5625	3808		X	B	30	SB6321	w/919
J50XM, J50XM2, J60XM	36	18-D125-29	61.11	1750	125	6C63	38.1875	33.6875	30.5625			X	B	30	SB6320	w/919
J60XM2	36	18-P140-29	68.44	1960	140	6C63	38.1875	33.6875	30.5625			X	B	30	SB6320	w/919
38.75 x 33.875 x 30.875																
J50XM, J50XM2, J60XM	48	24-D125-21	58.20	1250	125	7121	38.25	32.75	30.5625	4579		X	B	30	SB6321	w/919
J60XM2	48	24-H120-21	55.87	1200	120	7121	38.25	32.75	30.5625	4533		X	B	30	SB6321	w/919
38.75 x 33.875 x 30.875	48	24-P140-21	65.18	1400	140	7121	38.25	32.75	30.5625	4625		X	B	30	SB6321	w/919
J30XN, J30XNT	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2041		X	A	20	SB6320	
39 x 21.5 x 23.9375	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1959		X	A	20	SB6320	
** WITH PLATFORM **	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2061		X	A	20	SB6320	
J30XN, J30XNT	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2041		X	A	20	SB6320	
39 x 21.5 x 25.4375	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1959		X	A	20	SB6320	
** WITH ROLLERS **	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2061		X	A	20	SB6320	
J30XN, J30XNT	36	18-D100-17	27.94	800	100	6060	38.1875	20.0625	25.6875	2322		X	A	20	SB6320	
39 x 21.5 x 26.75																
** WITHOUT PLATFORM **																
J30XN, J30XNT	48	24-D85-13	23.75	510	85	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
39 x 21.5 x 23.9375	48	24-H80-13	22.35	480	80	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
** WITH PLATFORM **	48	24-P95-13	26.54	570	95	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
J30XN, J30XNT	48	24-D85-13	23.75	510	85	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
39 x 21.5 x 25.4375	48	24-H80-13	22.35	480	80	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
** WITH ROLLERS **	48	24-P95-13	26.54	570	95	7736	38.375	20.5625	22.6875			X	A	20	SB6321	
J30XN, J30XNT	48	24-D100-13	27.94	600	100	7106	37.8125	20.5625	25.6875	2342		X	A	20	SB6321	
39 x 21.5 x 26.75																
** WITHOUT PLATFORM **																

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
J35XN, J35XNT, J40XN	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2484		X	A	20	SB6320
J40XNT	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2385		X	A	20	SB6320
39 x 25.3125 x 23.9375	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2509		X	A	20	SB6320
** WITH PLATFORM **															
J35XN, J35XNT, J40XN	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2484		X	A	20	SB6320
J40XNT	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2385		X	A	20	SB6320
39 x 25.3125 x 25.4375	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2509		X	A	20	SB6320
** WITH ROLLERS **															
J35XN, J35XNT, J40XN	36	18-D100-21	34.92	1000	100	6146	38.5	24.5625	25.6875	2529		X	A	20	SB6320
J40XNT															
39 x 25.3125 x 26.75															
** WITHOUT PLATFORM **															
J35XN, J35XNT, J40XN	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2340		X	A	20	SB6321
J40XNT	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2246		X	A	20	SB6321
39 x 25.3125 x 23.9375	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2363		X	A	20	SB6321
** WITH PLATFORM **															
J35XN, J35XNT, J40XN	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2340		X	A	20	SB6321
J40XNT	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2246		X	A	20	SB6321
39 x 25.3125 x 25.4375	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2363		X	A	20	SB6321
** WITH ROLLERS **															
J35XN, J35XNT, J40XN	48	24-D100-15	32.59	700	100	7135	38.1875	23.5625	25.6875	2662		X	A	20	SB6321
J40XNT															
39 x 25.3125 x 26.75															
** WITHOUT PLATFORM **															
J45XN, J50XN	80	40-D125-9	38.80	500	125	9257	40	27.5	30.5625	3753		X	A	20	EURO 320
40.75 x 28.25 x 31.25	80	40-H120-9	37.25	480	120	9257	40	27.5	30.5625	3715		X	A	20	EURO 320
Min. Battery Wt. - 3700 lbs.	80	40-P140-9	43.46	560	140	9257	40	27.5	30.5625	3791		X	A	20	EURO 320
J50XN, J60XN, J70XN	80	40-D125-11	48.50	625	125	9195	39.5	33	30.5625	4515		X	A	20	EURO 320
40.75 x 33.9375 x 31.25	80	40-H120-11	46.56	600	120	9195	39.5	33	30.5625	4470		X	A	20	EURO 320
Min. Battery Wt. - 4500 lbs.	80	40-P140-11	54.32	700	140	9195	39.5	33	30.5625	4560		X	A	20	EURO 320

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type		6 Hr. Rating KWH Ah		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
								Length X	Width Y	Height Z		Yes	No				
J40Z, J50Z	80	40-D125-9	sp	38.80	500	125	9216	38.6875	25.3125	30.5625	3860		X	A	12	SBE6363	
40.625 x 28.3125 x 31	80	40-H120-9	sp	37.25	480	120	9216	38.6875	25.3125	30.5625	3821		X	A	12	SBE6363	
Min. Battery Wt. - 3720 lbs.	80	40-P140-9	sp	43.46	560	140	9216	38.6875	25.3125	30.5625	3899		X	A	12	SBE6363	
J50Z	80	40-D125-11	sp	48.50	625	125	9195	39.5	33	30.5625	4515		X	A	12	SBE6363	
Optional Compartment	80	40-H120-11	sp	46.56	600	120	9195	39.5	33	30.5625	4470		X	A	12	SBE6363	
J60Z, J65Z	80	40-P140-11	sp	54.32	700	140	9195	39.5	33	30.5625	4560		X	A	12	SBE6363	
40.625 x 33.9375 x 31																	
Min. Battery Wt. - 4450 lbs.																	
E25Z, E30Z, E35Z, E40ZS	36	18-D85-17		23.75	680	85	6001	33.1875	25.5625	22.6875	2090		X	A	30	SB6320	w/919
34.625 x 27.375 x 24.1875	36	18-D85-17	dh	23.75	680	85	6C82	33.1875	25.5625	21.63	2095		X	A	30	SB6320	w/919
Max. Battery Height - 22.32	36	18-H80-17		22.35	640	80	6001	33.1875	25.5625	22.6875	2006		X	A	30	SB6320	w/919
with rollers	36	18-H80-17	dh	22.35	640	80	6C82	33.1875	25.5625	21.63	2011		X	A	30	SB6320	w/919
	36	18-P95-17		26.54	760	95	6001	33.1875	25.5625	22.6875	2111		X	A	30	SB6320	w/919
	36	18-P95-17	dh	26.54	760	95	6C82	33.1875	25.5625	21.63	2116		X	A	30	SB6320	w/919
E25Z, E30Z, E35Z, E40ZS	48	24-D85-13		23.75	510	85	7556	34	27	22.6875	2160		X	A	30	SB6321	w/919
34.625 x 27.375 x 24.1875	48	24-D85-13		23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	A	30	SB6321	w/919
Max. Battery Height - 22.32	48	24-H80-13		22.35	480	80	7556	34	27	22.6875	2074		X	A	30	SB6321	w/919
with rollers	48	24-H80-13		22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	A	30	SB6321	w/919
	48	24-P95-13		26.54	570	95	7556	34	27	22.6875	2182		X	A	30	SB6321	w/919
	48	24-P95-13		26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	A	30	SB6321	w/919
E25Z, E30Z, E35Z, E40ZS	36	18-D85-19		26.71	765	85	6226	34.9375	25.5625	22.6875	2284		X	A	30	SB6320	w/919
Optional Compartment	36	18-H80-19		25.14	720	80	6226	34.9375	25.5625	22.6875	2193		X	A	30	SB6320	w/919
35.8125 x 27.375 x 24.1875	36	18-P95-19		29.86	855	95	6226	34.9375	25.5625	22.6875	2307		X	A	30	SB6320	w/919
Max. Battery Height - 22.32																	
with rollers																	
E25Z, E30Z, E35Z, E40ZS	48	24-D85-15		27.70	595	85	7049	35.1875	25.5625	22.6875	2338		X	A	30	SB6321	w/919
Optional Compartment	48	24-H80-15		26.07	560	80	7049	35.1875	25.5625	22.6875	2244		X	A	30	SB6321	w/919
35.8125 x 27.375 x 24.1875	48	24-P95-15		30.96	665	95	7049	35.1875	25.5625	22.6875	2361		X	A	30	SB6321	w/919
Max. Battery Height - 22.32																	
with rollers																	
E45Z-27", E50Z-27"	36	18-D85-23		32.65	935	85	6009	38.1875	26.9375	22.6875	2715		X	B	30	SB6320	w/919
Optional Compartment	36	18-H80-23		30.73	880	80	6009	38.1875	26.9375	22.6875	2606		X	B	30	SB6320	w/919
38.9375 x 27.4375 x 23.25	36	18-P95-23		36.49	1045	95	6009	38.1875	26.9375	22.6875	2742		X	B	30	SB6320	w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
E45Z-27", E50Z-27" Optional Compartment 38.9375 x 27.4375 x 23.25	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2705		X	B	30	SB6321	w/919
	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2597		X	B	30	SB6321	w/919
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2732		X	B	30	SB6321	w/919
E45Z-33, E50Z-33 E55Z-33, E60Z-33 Optional Compartment 38.9375 x 33.25 x 23.25	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3149		X	B	30	SB6320	w/919
	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3023		X	B	30	SB6320	w/919
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3180		X	B	30	SB6320	w/919
E45Z-33, E50Z-33 E55Z-33, E60Z-33 Optional Compartment 38.9375 x 33.25 x 23.25	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	30	SB6321	w/919
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	30	SB6321	w/919
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	30	SB6321	w/919
E65Z-4 Optional Compartment 38.9375 x 39.8125 x 23.25	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	w/919
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	w/919
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	w/919
E65Z-40 Optional Compartment 38.9375 x 39.8125 x 23.25	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6321	w/919
	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6321	w/919
	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6321	w/919
E100ZS, E70Z, E80Z 44.125 x 39.25 x 23.1875	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	w/919
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	w/919
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	w/919
E100ZS, E70Z, E80Z 44.125 x 39.25 x 23.1875	48	24-D85-27	51.45	1105	85	7085	41.6875	38.1875	22.6875	4097		X	B	30	SB6321	w/919
	48	24-H80-27	48.42	1040	80	7085	41.6875	38.1875	22.6875	3933		X	B	30	SB6321	w/919
	48	24-P95-27	57.50	1235	95	7085	41.6875	38.1875	22.6875	4138		X	B	30	SB6321	w/919
E70Z, E80Z 45.25 x 39.25 x 24.625	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	w/919
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	w/919
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	w/919
E70Z, E80Z 45.25 x 39.25 x 24.625	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	B	30	SB6321	w/919
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	B	30	SB6321	w/919
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	B	30	SB6321	w/919

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)	Standard Connector		
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
*E100Z, *E120Z 44.125 x 45.75 x 23.25	36	36-D85-21	**	59.36	1700	85	8059	43.5	43.5	22.6875	4909	X	B	30	SB6320	w/919
	36	36-H80-21	**	55.87	1700	80	8059	43.5	43.5	22.6875	4713	X	B	30	SB6320	w/919
	36	36-P95-21	**	66.35	1700	95	8059	43.5	43.5	22.6875	4958	X	B	30	SB6320	w/919
E100Z, E120Z 45.75 x 44.125 x 23.25 See Note B	48	24-D85-31		59.36	1275	85	7460	44.5625	42.75	22.75	5013	X	D	30	SB6321	w/919
	48	24-H80-31		55.87	1200	80	7460	44.5625	42.75	22.75	4812	X	D	30	SB6321	w/919
	48	24-P95-31		66.35	1425	95	7460	44.5625	42.75	22.75	5063	X	D	30	SB6321	w/919
E45XN, E50XN 39.125 x 27.625 x 23.125 Min. Battery Wt. - 2300 lbs.	36	18-D85-23		32.65	935	85	6009	38.1875	26.9375	22.6875	2715	X	B	20	SB6320	
	36	18-H80-23		30.73	880	80	6009	38.1875	26.9375	22.6875	2606	X	B	20	SB6320	
	36	18-P95-23		36.49	1045	95	6009	38.1875	26.9375	22.6875	2742	X	B	20	SB6320	
E45XN, E50XN 39.125 x 27.625 x 23.125 Min. Battery Wt. - 2300 lbs.	48	24-D85-17		31.66	680	85	7002	38.1875	26.6875	22.6875	2705	X	B	20	SB6321	
	48	24-H80-17		29.80	640	80	7002	38.1875	26.6875	22.6875	2597	X	B	20	SB6321	
	48	24-P95-17		35.39	760	95	7002	38.1875	26.6875	22.6875	2732	X	B	20	SB6321	
E45XN, E50XN 39.125 x 27.625 x 23.125 Min. Battery Wt. - 2300 lbs.	80	40-D85-9		26.38	340	85	9333	38	26.5	22.6875	2460	X	B	20	SB6320	
	80	40-H80-9		24.83	320	80	9333	38	26.5	22.6875	2362	X	B	20	SB6320	
	80	40-P95-9		29.49	380	95	9333	38	26.5	22.6875	2485	X	B	20	SB6320	
E45XN, E50XN 39.125 x 30.9375 x 23.125 Min. Battery Wt. - 2500 lbs.	36	18-D85-25		35.62	1020	85	6030	38.1875	29.1875	22.6875	2924	X	B	20	SB6320	
	36	18-H80-25		33.52	960	80	6030	38.1875	29.1875	22.6875	2807	X	B	20	SB6320	
	36	18-P95-25		39.81	1140	95	6030	38.1875	29.1875	22.6875	2953	X	B	20	SB6320	
E45XN, E50XN 39.125 x 30.9375 x 23.125 Min. Battery Wt. - 2500 lbs.	48	24-D85-19		35.62	765	85	7001	38.5625	30.4375	22.6875	2993	X	B	20	SB6321	
	48	24-H80-19		33.52	720	80	7001	38.5625	30.4375	22.6875	2873	X	B	20	SB6321	
	48	24-P95-19		39.81	855	95	7001	38.5625	30.4375	22.6875	3023	X	B	20	SB6321	
E45XN, E50XN 39.125 x 30.9375 x 23.125 Min. Battery Wt. - 2500 lbs.	80	40-D85-9	sp	26.38	340	85	9334	38.1875	29.875	22.6875	2500	X	B	20	SB6320	
	80	40-H80-9	sp	24.83	320	80	9334	38.1875	29.875	22.6875	2400	X	B	20	SB6320	
	80	40-P95-9	sp	29.49	380	95	9334	38.1875	29.875	22.6875	2525	X	B	20	SB6320	
E45XN, E50XN, E55XN E60XN 39.125 x 33.3125 x 23.125 Min. Battery Wt. - 2900 lbs.	36	18-D85-27		38.59	1105	85	6D07	38.1875	33	22.6875	3230	X	B	20	SB6321	
	36	18-D85-27		38.59	1105	85	6026	38.1875	31.4375	22.6875	3149	X	B	20	SB6321	
	36	18-H80-27		36.32	1040	80	6D07	38.1875	33	22.6875	3101	X	B	20	SB6321	
	36	18-H80-27		36.32	1040	80	6026	38.1875	31.4375	22.6875	3023	X	B	20	SB6321	
	36	18-P95-27		43.13	1235	95	6D07	38.1875	33	22.6875	3262	X	B	20	SB6321	
	36	18-P95-27		43.13	1235	95	6026	38.1875	31.4375	22.6875	3180	X	B	20	SB6321	

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SIT DOWN RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector	
			KWH	Ah			Length X	Width Y	Height Z		Yes	No				
E45XN, E50XN, E55XN	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3295		X	B	20	SB6321	
E60XN	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3163		X	B	20	SB6321	
39.125 x 33.3125 x 23.125 Min. Battery Wt. - 2900 lbs.	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3328		X	B	20	SB6321	
E45XN, E50XN, E55XN	80	40-D85-11	sp	32.98	425	85	9335	38	31.625	22.6875	2900		X	B	20	SB6320
E60XN	80	40-H80-11	sp	31.04	400	80	9335	38	31.625	22.6875	2784		X	B	20	SB6320
39.125 x 33.3125 x 23.125 Min. Battery Wt. - 2900 lbs.	80	40-P95-11	sp	36.86	475	95	9335	38	31.625	22.6875	2929		X	B	20	SB6320
E65XN	36	18-D85-31	44.52	1275	85	6164	38.1875	35.9375	22.6875	3603		X	B	20	SB6320	
39.125 x 36.75 x 23.125	36	18-H80-31	41.90	1200	80	6164	38.1875	35.9375	22.6875	3459		X	B	20	SB6320	
Min. Battery Wt. - 3100 lbs.	36	18-P95-31	49.76	1425	95	6164	38.1875	35.9375	22.6875	3639		X	B	20	SB6320	
E65XN	48	24-D85-23	43.53	935	85	7059	38.1875	35.6875	22.6875	3573		X	B	20	SB6321	
39.125 x 36.75 x 23.125	48	24-H80-23	40.97	880	80	7059	38.1875	35.6875	22.6875	3430		X	B	20	SB6321	
Min. Battery Wt. - 3100 lbs.	48	24-P95-23	48.66	1045	95	7059	38.1875	35.6875	22.6875	3609		X	B	20	SB6321	
E65XN	80	40-D85-13	39.58	510	85	9005	38.1875	36.125	22.6875	3400		X	B	20	SB6320	
39.125 x 36.75 x 23.125	80	40-H80-13	37.25	480	80	9005	38.1875	36.125	22.6875	3264		X	B	20	SB6320	
Min. Battery Wt. - 3100 lbs.	80	40-P95-13	44.23	570	95	9005	38.1875	36.125	22.6875	3434		X	B	20	SB6320	
E65XN, E70XN	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	20	SB6320	
39.125 x 40 x 23.125	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	20	SB6320	
Min. Battery Wt. - 3400 lbs.	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	20	SB6320	
E65XN, E70XN	48	24-D85-25	47.49	1020	85	7027	38.6875	38.1875	22.6875	3860		X	B	20	SB6321	
39.125 x 40 x 23.125	48	24-H80-25	44.70	960	80	7027	38.6875	38.1875	22.6875	3706		X	B	20	SB6321	
Min. Battery Wt. - 3400 lbs.	48	24-P95-25	53.08	1140	95	7027	38.6875	38.1875	22.6875	3899		X	B	20	SB6321	
E65XN, E70XN	80	40-D85-13	sp	39.58	510	85	9337	39	37.8125	22.6875	3400		X	D	20	SB6320
See Note B	80	40-H80-13	sp	37.25	480	80	9337	39	37.8125	22.6875	3264		X	D	20	SB6320
39.125 x 40 x 23.125 Min. Battery Wt. - 3400 lbs.	80	40-P95-13	sp	44.23	570	95	9337	39	37.8125	22.6875	3434		X	D	20	SB6320

DISCLAIMER: When battery is installed in truck, battery restraints should be adjusted to prohibit movement of the battery to no more than 1/2" in a horizontal direction. Battery dimensions are ±1/16". Battery weights may vary ±5%. Counterweight must be added if the service weight stamped on

the battery is less than the minimum weight required on that particular model truck. The information is subject to change upon notice from equipment manufacturers or field experience. East Penn expressly denies any responsibility for the accuracy of this information. While East Penn has and continues to

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* Consult factory before quoting.

** 36 volt requires two (2) 18 cell batteries in one steel tray wired parallel.

dh - Special tray design IST6C82 includes drop handles. Overall height to top of terminal is 22.06".

sp - Special tray IST9216 includes steel plates added for minimum weight requirement.

sp - Special tray IST9195 includes steel plates added for minimum weight requirement.

sp - Special tray IST9334 includes steel plates added for minimum weight requirement.

sp - Special tray IST9335 includes steel plates added for minimum weight requirement.

sp - Special tray IST9337 includes steel plates added for minimum weight requirement.

Note B - Length dimension runs front to back when installed in truck.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

TURRET TRUCK

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type		6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/ Lead Length (in.)		Standard Connector
				KWH	Ah			Length X	Width Y	Height Z		Yes	No			
N30XMH 38.875 x 39.75 x 24.375	36	18-D85-33		47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320
	36	18-H80-33		44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320
	36	18-P95-33		53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320
N30XMH 38.875 x 39.75 x 24.375	48	24-D85-25		47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6322
	48	24-H80-25		44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6322
	48	24-P95-25		53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6322
V30XMU 44.75 x 21.625 x 33.4375 Min. Battery Wt. - 2640 lbs.	48	24-D125-13	sp	34.92	750	125	7195	44	20.5625	30.5625	3025		X	A&B	30	SB6321
	48	24-H120-13	sp	33.52	720	120	7195	44	20.5625	30.5625	2995		X	A&B	30	SB6321
	48	24-P140-13	sp	39.11	840	140	7195	44	20.5625	30.5625	3055		X	A&B	30	SB6321
V35XMU 40.75 x 28.6875 x 37.375 Min. Battery Wt. - 3520 lbs.	72	36-D125-11		43.65	625	125	8060	37.8125	26.1875	30.5625	3618		X	A&B	30	SB6324
	72	36-H120-11		41.90	600	120	8060	37.8125	26.1875	30.5625	3582		X	A&B	30	SB6324
	72	36-P140-11		48.89	700	140	8060	37.8125	26.1875	30.5625	3654		X	A&B	30	SB6324
V40XMU 46.125 x 34.125 x 33.25 Min. Battery Wt. - 4180 lbs.	72	36-D125-13		52.38	750	125	8042	37.8125	30.6875	30.5625	4247		X	AB	30	SB6324
	72	36-H120-13		50.28	720	120	8042	37.8125	30.6875	30.5625	4205		X	AB	30	SB6324
	72	36-P140-13		58.67	840	140	8042	37.8125	30.6875	30.5625	4289		X	AB	30	SB6324
V30ZMU (MWB) 44.4375 x 21.3125 x 31 Min. Battery Wt. - 2976 lbs.	48	24-D125-13	sp	34.92	750	125	7195	44	20.5625	30.5625	3025		X	B	30	SB6321
	48	24-H120-13	sp	33.52	720	120	7195	44	20.5625	30.5625	2995		X	B	30	SB6321
	48	24-P140-13	sp	39.11	840	140	7195	44	20.5625	30.5625	3055		X	B	30	SB6321
V30ZMU (LWB) 38.75 x 27 x 31	48	24-D125-17		46.56	1000	125	7024	38.1875	26.6875	30.5625	3770		X	B	30	SB6321
	48	24-H120-17		44.70	960	120	7024	38.1875	26.6875	30.5625	3732		X	B	30	SB6321
	48	24-P140-17		52.15	1120	140	7024	38.1875	26.6875	30.5625	3808		X	B	30	SB6321

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TURRET TRUCK (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	6 Hr. Rating		Plate Rating Ah	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Position/Lead Length (in.)		Standard Connector
			KWH	Ah			Length X	Width Y	Height Z		Yes	No			
V35ZMU (SWB)	72	18-D125-11	21.83 ea	625	125	6016	37.8125	13.3125	30.5625	1853		X	B	30	SB6324
See Note C	72	18-H120-11	20.95 ea	600	120	6016	37.8125	13.3125	30.5625	1834		X	B	30	SB6324
40 x 28.75 x 37	72	18-P140-11	24.44 ea	700	140	6016	37.8125	13.3125	30.5625	1872		X	B	30	SB6324
V35ZMU (MWB)	72	18-D125-13	26.19 ea	750	125	6005	37.8125	15.5625	30.5625	2169		X	B	30	SB6324
See Note C	72	18-H120-13	25.14 ea	720	120	6005	37.8125	15.5625	30.5625	2147		X	B	30	SB6324
40 x 33.5 x 37	72	18-P140-13	29.33 ea	840	140	6005	37.8125	15.5625	30.5625	2191		X	B	30	SB6324
V35ZMU (LWB)	72	18-D125-17	34.92 ea	1000	125	6069	38.1875	20.0625	30.5625	2837		X	B	30	SB6324
See Note C	72	18-H120-17	33.52 ea	960	120	6069	38.1875	20.0625	30.5625	2809		X	B	30	SB6324
40 x 41.5 x 37	72	18-P140-17	39.11 ea	1120	140	6069	38.1875	20.0625	30.5625	2865		X	B	30	SB6324
V30ZMD	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320
38.875 x 39.75 x 24.375	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320
Max. Battery Height - 23.06 with rollers	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320
V30ZMD	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6321
38.875 x 39.75 x 24.375	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6321
Max. Battery Height - 23.06 with rollers	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6321

sp - Special tray IST7195 includes steel plates added for minimum weight requirement.

ea - KWH calculated for each 18-cell battery.

Note C - 72 volt models require (2) 18-cell batteries.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

Batteries listed are also available in the Max Power "P" Line which is a 10% increase of ampere hour capacity over the standard "D" Line. Refer to Table #2 of Selector Guide for "D" series to Max Power series cross reference table.

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