

Deka® unigy II



■ **Exclusive IPF® Technology optimizes power capacity, cell consistency, and long term reliability.**

- Advanced AGM technology for superior power
- Puncture resistant micro-porous glass mat separators extend life
- Front access design for easy installation and maintenance
- Steel module, maintains cell compression for the life of the product
- Case & cover heat sealed and 100% tested to prevent leaks
- Epoxy-sealed posts eliminate leaks
- Flame arresting, high pressure, self-sealing valves are 100% factory tested
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE recommended practices
- Battery design and construction meet UL recognition requirements
- UL 1973 Certification for Energy Storage applications



SPECIFICATIONS

Nominal Voltage: 2-Volt

Rating: Range of 91.4 - 2000 Ampere-Hours @ 8 hr. rate to 1.75 V.P.C.

Positive Plate: >98% Pure lead with tin-calcium alloy

Negative Plate: Pure lead, calcium alloy

Post Seal: Epoxy-sealed

Terminal: Front access

Case/Cover: Flame-retardant, polypropylene – UL 94 V-0/>28% L.O.I.

Catalyst: Microcat®

Safety Vent: High positive pressure, self-sealing w/ flame arrestor

Float Voltage: 2.25V per cell $\pm$ 0.5% @ 77°F (25°C)

Design life: 20 years in float applications @ 77°F (25°C)



AVR45, AVR75, AVR95 & AVR125
SPACESAVER® SYSTEMS
 MODULE DIMENSIONS

INTERLOCK™ MODULE

PLATE NO.	CAP C/8 @ 1.75 VPC	NUMBER OF CELLS PER MODULE																								DEPTH (Includes safety shield)		HEIGHT (Includes base)				
		2 WIDE						3 WIDE						4 WIDE						6 WIDE												
		LENGTH		MODULE WEIGHT¹		BASE WEIGHT		LENGTH		MODULE WEIGHT¹		BASE WEIGHT		LENGTH		MODULE WEIGHT¹		BASE WEIGHT		LENGTH		MODULE WEIGHT¹		BASE WEIGHT								
		IN	MM	LB	KG	LB	KG	IN	MM	LB	KG	LB	KG	IN	MM	LB	KG	LB	KG	IN	MM	LB	KG	LB	KG	IN	MM	IN	MM			
AVR45																																
5	91													9.70	246	108	49	37	17	14.55	370	163	74	42	19	18.25	464	9.54	242			
7	137													12.66	322	143	65	40	18	19.00	483	213	97	47	21							
9	183													15.66	398	177	80	43	20	23.50	597	267	121	51	23							
1	229													18.66	474	212	96	46	21	28.00	711	319	145	55	25							
13	274													21.66	550	247	112	49	22	32.50	826	371	168	59	27							
15	320													24.66	626	281	127	52	24	37.00	940	423	192	64	29							
17	366	14.60	371	168	76	44	20	21.90	556	250	113	51	23																			
19	411	16.10	409	185	84	46	21	24.15	613	276	125	53	24																			
21	457	17.60	447	202	92	47	21	26.40	671	302	137	55	25																			
23	503	19.10	485	220	100	48	22	28.65	728	328	149	57	26																			
25	549	20.60	523	237	108	50	23	30.90	785	355	161	60	27																			
27	594	22.10	561	255	116	51	23	33.15	842	381	173	62	28																			
29	640	23.60	599	272	123	53	24	35.40	899	407	185	64	29																			
31	686	25.10	638	289	131	54	24	37.65	956	433	196	66	30																			
33	731	26.60	676	307	139	56	25	39.90	1013	459	208	68	31																			
AVR75																																
5	152													9.70	246	159	72	49	22	14.55	370	238	108	54	24	25.25	641	9.54	242			
7	228													12.66	322	211	96	52	24	19.00	483	316	143	58	26							
9	304													15.66	398	263	119	55	25	23.50	597	395	179	63	29							
11	380													18.66	474	315	143	58	26	28.00	711	474	215	67	30							
13	456													21.66	550	367	166	61	28	32.50	826	552	250	71	32							
15	532													24.66	626	419	190	64	29	37.00	940	630	286	76	34							
17	608	14.60	371	248	112	54	24	21.90	556	373	169	61	28																			
19	684	16.10	409	274	124	55	25	24.15	613	412	187	63	29																			
21	760	17.60	447	300	136	57	26	26.40	671	451	205	65	29																			
23	836	19.10	485	326	148	58	26	28.65	728	490	222	67	30																			
25	912	20.60	523	350	159	60	27	30.90	785	526	239	69	31																			
27	988	22.10	561	376	171	61	28	33.15	842	566	257	72	33																			
29	1064	23.60	599	402	182	63	29	35.40	899	605	274	74	34																			
31	1140	25.10	638	429	195	64	29	37.65	956	644	292	76	34																			
33	1216	26.60	676	455	206	66	30	39.90	1013	683	310	78	35																			
AVR95																																
7	285													12.66	322	233	106	56	25	19.00	483	353	160	62	28	27.88	708	9.54	242			
9	380													15.66	398	294	133	58	26	23.50	597	441	200	66	30							
11	475													18.66	474	355	161	61	28	28.00	711	531	241	71	32							
13	570													21.66	550	415	188	64	29	32.50	826	621	282	75	34							
15	665													24.66	626	476	216	67	30	37.00	940	711	323	79	36							
17	760	14.60	371	279	127	58	26	21.90	556	417	189	64	29																			
19	855	16.10	409	309	140	60	27	24.15	613	461	209	66	30																			
21	950	17.60	447	341	155	61	28	26.40	671	508	230	68	31																			
23	1045	19.10	485	371	168	62	28	28.65	728	556	252	70	32																			
25	1140	20.60	523	401	182	64	29	30.90	785	603	274	73	33																			
27	1235	22.10	561	429	195	66	30	33.15	842	645	293	75	34																			
29	1330	23.60	599	461	209	67	30	35.40	899	695	315	77	35																			
31	1425	25.10	638	489	222	68	31	37.65	956	736	334	79	36																			
33	1520	26.60	676	520	236	70	32	39.90	1013	781	354	81	37																			
AVR125																																
33	2000	26.60	676	718	326	71	32																				28.63	727	11.91	303		

Stack Dimensions

Stack Length = module length x # of stacks
 Stack Height¹ = ((module height - 1.50) x (# of tiers) + 5.50"

Example: 24AVR95-33

Stack Length = 39.90" x 1 stack = 39.90"

Stack Height¹ = (9.54" - 1.50) x 8 + 5.50" = 69.82"

Termination

Top Termination - Add 7.75" to overall height
 Side Termination - Add 4.50" for each side termination

Stack Weight

(# of tiers per stack x module weight) + base weight

1 = includes steel container weight & cell(s) weight

Example: 24AVR95-33

3 wide x 8 high system

Stack Weight = (8 x 781) + 81 = 6329 lb

NON-INTERLOCK™ MODULE

PLATE NO.	CAP C/8 @ 1.75 VPC	NUMBER OF CELLS PER MODULE								DEPTH (Includes safety shield)		HEIGHT (Includes base)		BASE WEIGHT	
		3 WIDE				6 WIDE									
		LENGTH		MODULE WEIGHT¹		LENGTH		MODULE WEIGHT¹							
		IN	MM	LB	KG	IN	MM	LB	KG	IN	MM	IN	MM	LB	KG
AVR45															
5	91					14.55	370	151	68						
7	137					19.00	483	199	90						
9	183					23.50	597	248	112						
11	229					28.00	711	296	134						
13	274					32.50	826	344	156						
15	320					37.00	940	392	178						
17	366	21.90	556	233	106					17.5	445	9.48	241	18	8
19	411	24.15	613	257	117										
21	457	26.40	671	281	127										
23	503	28.65	728	305	138										
25	549	30.90	785	329	149										
27	594	33.15	842	353	160										
29	640	35.40	899	377	171										
31	686	37.65	956	401	182										
33	731	39.90	1013	425	193										
AVR75															
5	152					14.55	370	228	103						
7	228					19.00	483	302	137						
9	304					23.50	597	376	171						
11	380					28.00	711	450	204						
13	456					32.50	826	524	238						
15	532					37.00	940	599	272						
17	608	21.90	556	355	161										
19	684	24.15	613	392	178										
21	760	26.40	671	429	195					24.5	622	9.48	241	26	12
23	836	28.65	728	466	211										
25	912	30.90	785	500	227										
27	988	33.15	842	538	244										
29	1064	35.40	899	575	261										
31	1140	37.65	956	612	278										
33	1216	39.90	1013	649	294										
AVR95															
7	285					19.00	483	338	153						
9	380					23.50	597	425	193						
11	475					28.00	711	512	232						
13	570					32.50	826	599	272						
15	665					37.00	940	686	311						
17	760	21.90	556	404	183					27.12	689	9.48	241	28	13
19	855	24.15	613	448	203										
21	950	26.40	671	491	223										
23	1045	28.65	728	535	243										
25	1140	30.90	785	578	262										
27	1235	33.15	842	619	281										
29	1330	35.40	899	665	302										
31	1425	37.65	956	705	320										
33	1520	39.90	1013	749	340										

Stack Dimensions

Stack Length = module length x # of stacks
 Stack Height¹ = (module height - 1.44) x
 (# of tiers high) + 4.00"

Example: 24AVR95-33 (3 wide x 8 high system)

Stack Length = 39.90" x 1 stack = 39.90"

Stack Height¹ = (9.48" - 1.44) x 8 + 4.00" = 68.32"

Termination

Top Termination - Add 7.75" to overall height

Side Termination - Add 4.50" for each side termination

Stack Weight

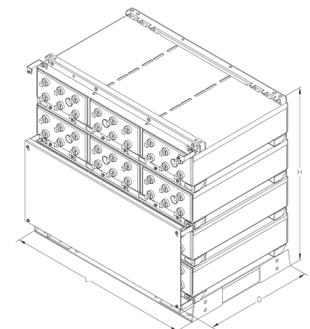
(# of tiers per stack x module weight) + base weight

1 = includes steel container weight & cell(s) weight

Example: 24AVR95-33

3 wide x 8 high system

Stack Weight = (8 x 749) + 28 = 6020 lb



AMPERE RATINGS

Amperes at 77°F (25°C) to 1.75 v.p.c.

CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS								
	1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24
AVR45-5	52.3	31.4	23.8	19.3	16.5	11.4	8.3	5.4	4.6	AVR75-5	80.9	52.0	39.5	32.1	27.3	19.0	13.8	8.9	7.6	AVR95-7	157	102	76.1	61.2	51.5	35.6	25.8	16.9	14.5
AVR45-7	78.4	47.1	35.7	28.9	24.7	17.1	12.5	8.0	6.9	AVR75-7	121	78.0	59.3	48.2	41.0	28.5	20.6	13.3	11.3	AVR95-9	209	136	102	81.6	68.7	47.5	34.4	22.6	19.3
AVR45-9	105	62.9	47.6	38.6	32.9	22.9	16.6	10.7	9.2	AVR75-9	162	104	79.0	64.3	54.6	38.0	27.5	17.7	15.1	AVR95-11	261	170	127	102	85.8	59.4	43.0	28.2	24.2
AVR45-11	131	78.6	59.5	48.2	41.1	28.6	20.8	13.4	11.5	AVR75-11	202	130	98.8	80.3	68.3	47.5	34.4	22.2	18.9	AVR95-13	313	204	152	122	103	71.2	51.6	33.9	29.0
AVR45-13	157	94.3	71.4	57.9	49.4	34.3	24.9	16.1	13.8	AVR75-13	243	156	119	96.4	81.9	57.0	41.3	26.6	22.7	AVR95-15	365	238	178	143	120	83.1	60.2	39.5	33.8
AVR45-15	183	110	83.3	67.5	57.6	40.0	29.1	18.8	16.0	AVR75-15	283	182	138	112	95.6	66.5	48.1	31.0	26.5	AVR95-17	418	272	203	163	137	95.0	68.8	45.2	38.7
AVR45-17	209	126	95.2	77.1	65.8	45.7	33.2	21.4	18.3	AVR75-17	323	208	158	129	109	76.0	55.0	35.5	30.3	AVR95-19	470	306	228	184	154	107	77.4	50.8	43.5
AVR45-19	235	141	107	86.8	74.1	51.4	37.4	24.1	20.6	AVR75-19	364	234	178	145	123	85.5	61.9	39.9	34.0	AVR95-21	522	339	254	204	172	119	85.9	56.5	48.3
AVR45-21	261	157	119	96.4	82.3	57.1	41.6	26.8	22.9	AVR75-21	404	260	198	161	137	95.0	68.8	44.3	37.8	AVR95-23	574	373	279	224	189	131	94.5	62.1	53.2
AVR45-23	288	173	131	106	90.5	62.9	45.7	29.5	25.2	AVR75-23	445	286	217	177	150	105	75.6	48.8	41.6	AVR95-25	626	407	305	245	206	142	103	67.8	58.0
AVR45-25	314	189	143	116	98.7	68.6	49.9	32.2	27.5	AVR75-25	485	312	237	193	164	114	82.5	53.2	45.4	AVR95-27	679	441	330	265	223	154	112	73.4	62.8
AVR45-27	340	204	155	125	107	74.3	54.0	34.8	29.8	AVR75-27	526	338	257	209	177	124	89.4	57.6	49.2	AVR95-29	731	475	355	286	240	166	120	79.1	67.7
AVR45-29	366	220	167	135	115	80.0	58.2	37.5	32.1	AVR75-29	566	364	277	225	191	133	96.3	62.1	52.9	AVR95-31	783	509	381	306	257	178	129	84.7	72.5
AVR45-31	392	236	179	145	123	85.7	62.3	40.2	34.4	AVR75-31	606	390	296	241	205	143	103	66.5	56.7	AVR95-33	835	543	406	326	275	190	138	90.4	77.3
AVR45-33	418	251	190	154	132	91.4	66.5	42.9	36.7	AVR75-33	647	416	316	257	218	152	110	70.9	60.5	AVR125-33	1072	696	517	414	352	250	182	118	101

Amperes at 77°F (25°C) to 1.80 v.p.c.

CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS								
	1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24
AVR45-5	48.2	30.2	22.9	18.8	16.1	11.2	8.1	5.3	4.5	AVR75-5	77.3	49.5	37.9	30.9	26.4	18.7	13.5	8.7	7.4	AVR95-7	146	98.0	74.2	60.1	50.7	35.3	25.6	16.9	14.4
AVR45-7	72.3	45.3	34.3	28.1	24.1	16.8	12.2	7.9	6.7	AVR75-7	116	74.2	56.8	46.4	39.6	28.1	20.2	13.1	11.2	AVR95-9	195	131	98.9	80.1	67.6	47.0	34.1	22.5	19.2
AVR45-9	96.3	60.4	45.8	37.5	32.1	22.4	16.2	10.5	9.0	AVR75-9	155	99.0	75.8	61.8	52.8	37.4	26.9	17.4	14.9	AVR95-11	244	163	124	100	84.6	58.8	42.7	28.1	24.0
AVR45-11	120	75.5	57.2	46.9	40.1	28.1	20.3	13.1	11.2	AVR75-11	193	124	94.7	77.3	66.0	46.8	33.7	21.8	18.6	AVR95-13	293	196	148	120	101	70.5	51.2	33.7	28.8
AVR45-13	145	90.6	68.7	56.3	48.2	33.7	24.3	15.8	13.5	AVR75-13	232	148	114	92.7	79.2	56.1	40.4	26.1	22.3	AVR95-15	341	229	173	140	118	82.3	59.7	39.3	33.7
AVR45-15	169	106	80.1	65.7	56.2	39.3	28.4	18.4	15.7	AVR75-15	271	173	133	108	92.4	65.5	47.2	30.5	26.1	AVR95-17	390	261	198	160	135	94.0	68.3	44.9	38.5
AVR45-17	193	121	91.5	75.0	64.2	44.9	32.4	21.0	18.0	AVR75-17	309	198	152	124	106	74.8	53.9	34.8	29.8	AVR95-19	439	294	223	180	152	106	76.8	50.6	43.3
AVR45-19	217	136	103	84.4	72.3	50.5	36.5	23.6	20.2	AVR75-19	348	223	170	139	119	84.2	60.6	39.2	33.5	AVR95-21	488	327	247	200	169	118	85.3	56.2	48.1
AVR45-21	241	151	114	93.8	80.3	56.1	40.5	26.3	22.5	AVR75-21	387	247	189	155	132	93.5	67.4	43.5	37.2	AVR95-23	537	359	272	220	186	129	93.9	61.8	52.9
AVR45-23	265	166	126	103	88.3	61.7	44.6	28.9	24.7	AVR75-23	425	272	208	170	145	103	74.1	47.9	40.9	AVR95-25	585	392	297	240	203	141	102	67.4	57.7
AVR45-25	289	181	137	113	96.3	67.3	48.6	31.5	27.0	AVR75-25	464	297	227	185	158	112	80.8	52.2	44.7	AVR95-27	634	425	321	260	220	153	111	73.0	62.5
AVR45-27	313	196	149	122	104	73.0	52.7	34.1	29.2	AVR75-27	502	322	246	201	172	122	87.6	56.6	48.4	AVR95-29	683	457	346	280	237	165	119	78.6	67.3
AVR45-29	337	211	160	131	112	78.6	56.7	36.8	31.5	AVR75-29	541	346	265	216	185	131	94.3	60.9	52.1	AVR95-31	732	490	371	300	254	176	128	84.3	72.1
AVR45-31	361	226	172	141	120	84.2	60.8	39.4	33.7	AVR75-31	580	371	284	232	198	140	101	65.3	55.8	AVR95-33	780	523	396	320	271	188	137	89.9	76.9
AVR45-33	385	242	183	150	128	89.8	64.8	42.0	36.0	AVR75-33	618	396	303	247	211	150	108	69.6	59.6	AVR125-33	987	664	502	408	348	248	180	117	100

AMPERE RATINGS

Amperes at 77°F (25°C) to 1.85 v.p.c.

CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS								
	1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24
AVR45-5	44.0	28.7	22.0	18.0	15.4	10.9	7.9	5.1	4.4	AVR75-5	71.0	47.5	36.7	30.0	25.8	18.1	13.2	8.5	7.3	AVR95-7	133	91.5	70.3	57.4	49.6	34.2	25.0	16.5	14.1
AVR45-7	66.0	43.1	33.0	27.0	23.1	16.3	11.9	7.7	6.6	AVR75-7	107	71.3	55.0	45.0	38.7	27.2	19.8	12.8	10.9	AVR95-9	177	122	93.7	76.6	66.2	45.6	33.3	22.0	18.8
AVR45-9	88.0	57.4	44.0	36.0	30.9	21.7	15.8	10.3	8.8	AVR75-9	142	95.0	73.3	60.0	51.6	36.3	26.3	17.0	14.6	AVR95-11	222	153	117	95.7	82.7	57.0	41.6	27.5	23.6
AVR45-11	110	71.8	55.0	45.0	38.6	27.1	19.8	12.9	11.0	AVR75-11	178	119	91.7	75.0	64.5	45.3	32.9	21.3	18.2	AVR95-13	266	183	141	115	99.3	68.4	49.9	33.0	28.3
AVR45-13	132	86.1	66.0	54.0	46.3	32.6	23.7	15.4	13.3	AVR75-13	213	143	110	90.0	77.4	54.4	39.5	25.6	21.9	AVR95-15	311	214	164	134	116	79.8	58.3	38.5	33.0
AVR45-15	154	100	77.0	63.0	54.0	38.0	27.7	18.0	15.5	AVR75-15	249	166	128	105	90.3	63.4	46.1	29.8	25.5	AVR95-17	355	244	187	153	132	91.2	66.6	44.0	37.7
AVR45-17	176	115	88.0	72.0	61.7	43.4	31.6	20.6	17.7	AVR75-17	284	190	147	120	103	72.5	52.7	34.1	29.2	AVR95-19	399	275	211	172	149	103	74.9	49.5	42.4
AVR45-19	198	129	99.0	81.0	69.4	48.9	35.6	23.2	19.9	AVR75-19	320	214	165	135	116	81.6	59.3	38.3	32.8	AVR95-21	444	305	234	191	165	114	83.2	55.0	47.1
AVR45-21	220	144	110	90.0	77.1	54.3	39.5	25.7	22.1	AVR75-21	355	238	183	150	129	90.6	65.8	42.6	36.5	AVR95-23	488	336	258	211	182	125	91.6	60.5	51.8
AVR45-23	242	158	121	99.0	84.9	59.7	43.5	28.3	24.3	AVR75-23	391	261	202	165	142	99.7	72.4	46.8	40.1	AVR95-25	532	366	281	230	199	137	99.9	66.0	56.5
AVR45-25	264	172	132	108	92.6	65.1	47.4	30.9	26.5	AVR75-25	426	285	220	180	155	109	79.0	51.1	43.8	AVR95-27	577	397	305	249	215	148	108	71.5	61.3
AVR45-27	286	187	143	117	100	70.6	51.4	33.5	28.7	AVR75-27	462	309	238	195	168	118	85.6	55.4	47.4	AVR95-29	621	427	328	268	232	160	117	77.0	66.0
AVR45-29	308	201	154	126	108	76.0	55.3	36.0	30.9	AVR75-29	497	333	257	210	181	127	92.2	59.6	51.0	AVR95-31	665	458	351	287	248	171	125	82.5	70.7
AVR45-31	330	215	165	135	116	81.4	59.3	38.6	33.1	AVR75-31	533	356	275	225	194	136	98.8	63.9	54.7	AVR95-33	710	488	375	306	265	182	133	88.0	75.4
AVR45-33	352	230	176	144	123	86.9	63.2	41.2	35.3	AVR75-33	568	380	293	240	206	145	105	68.1	58.3	AVR125-33	880	611	472	390	336	241	176	114	97.7

Amperes at 77°F (25°C) to 1.88 v.p.c.

CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS									CELL TYPE	DISCHARGE TIME - HOURS								
	1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24		1	2	3	4	5	8	12	20	24
AVR45-5	41.1	27.3	20.8	17.1	14.7	10.4	7.7	4.9	4.2	AVR75-5	66.0	44.0	34.3	28.5	24.4	17.4	12.6	8.2	7.0	AVR95-7	124	86.2	66.7	54.9	46.8	33.1	24.3	16.1	13.7
AVR45-7	61.7	40.9	31.1	25.7	22.0	15.6	11.5	7.4	6.3	AVR75-7	99.0	66.0	51.5	42.8	36.6	26.1	18.9	12.3	10.5	AVR95-9	165	115	88.9	73.1	62.4	44.1	32.3	21.4	18.3
AVR45-9	82.3	54.6	41.5	34.3	29.4	20.9	15.3	9.9	8.5	AVR75-9	132	88.0	68.7	57.0	48.8	34.8	25.2	16.3	14.0	AVR95-11	206	144	111	91.4	77.9	55.1	40.4	26.8	22.9
AVR45-11	103	68.2	51.9	42.9	36.7	26.1	19.2	12.4	10.6	AVR75-11	165	110	85.8	71.3	61.0	43.4	31.5	20.4	17.5	AVR95-13	247	172	133	110	93.5	66.1	48.5	32.1	27.5
AVR45-13	123	81.8	62.3	51.4	44.1	31.3	23.0	14.8	12.7	AVR75-13	198	132	103	85.5	73.2	52.1	37.8	24.5	21.0	AVR95-15	288	201	156	128	109	77.1	56.6	37.5	32.1
AVR45-15	144	95.5	72.7	60.0	51.4	36.5	26.8	17.3	14.8	AVR75-15	231	154	120	99.8	85.4	60.8	44.0	28.6	24.5	AVR95-17	329	230	178	146	125	88.1	64.7	42.8	36.7
AVR45-17	165	109	83.0	68.6	58.7	41.7	30.7	19.8	16.9	AVR75-17	264	176	137	114	97.6	69.5	50.3	32.7	28.0	AVR95-19	371	259	200	165	140	99.2	72.8	48.2	41.2
AVR45-19	185	123	93.4	77.1	66.1	46.9	34.5	22.2	19.0	AVR75-19	297	198	155	128	110	78.2	56.6	36.8	31.5	AVR95-21	412	287	222	183	156	110	80.8	53.5	45.8
AVR45-21	206	136	104	85.7	73.4	52.1	38.3	24.7	21.1	AVR75-21	330	220	172	143	122	86.9	62.9	40.8	35.0	AVR95-23	453	316	244	201	171	121	88.9	58.9	50.4
AVR45-23	226	150	114	94.3	80.8	57.4	42.2	27.2	23.2	AVR75-23	363	242	189	157	134	95.6	69.2	44.9	38.5	AVR95-25	494	345	267	219	187	132	97.0	64.2	55.0
AVR45-25	247	164	125	103	88.1	62.6	46.0	29.7	25.4	AVR75-25	396	264	206	171	146	104	75.5	49.0	42.0	AVR95-27	535	373	289	238	203	143	105	69.6	59.6
AVR45-27	267	177	135	111	95.4	67.8	49.8	32.1	27.5	AVR75-27	429	286	223	185	159	113	81.8	53.1	45.5	AVR95-29	576	402	311	256	218	154	113	74.9	64.2
AVR45-29	288	191	145	120	103	73.0	53.7	34.6	29.6	AVR75-29	462	308	240	200	171	122	88.1	57.2	49.0	AVR95-31	618	431	333	274	234	165	121	80.3	68.7
AVR45-31	309	205	156	129	110	78.2	57.5	37.1	31.7	AVR75-31	495	330	258	214	183	130	94.4	61.3	52.5	AVR95-33	659	460	356	293	249	176	129	85.6	73.3
AVR45-33	329	218	166	137	117	83.4	61.3	39.5	33.8	AVR75-33	528	352	275	228	195	139	101	65.3	56.0	AVR125-33	803	568	447	374	324	234	170	111	94.6

Energy Capacity

Cell Type	Energy Capacity (kWh) ¹	Max. Continuous Discharge Rate (kW) ¹
AVR45-5	0.18	0.022
AVR45-7	0.27	0.034
AVR45-9	0.36	0.045
AVR45-11	0.45	0.056
AVR45-13	0.54	0.067
AVR45-15	0.63	0.078
AVR45-17	0.72	0.090
AVR45-19	0.81	0.101
AVR45-21	0.90	0.112
AVR45-23	0.99	0.123
AVR45-25	1.08	0.135
AVR45-27	1.17	0.146
AVR45-29	1.26	0.157
AVR45-31	1.35	0.168
AVR45-33	1.43	0.179

Cell Type	Energy Capacity (kWh) ¹	Max. Continuous Discharge Rate (kW) ¹
AVR75-5	0.30	0.037
AVR75-7	0.45	0.056
AVR75-9	0.60	0.074
AVR75-11	0.74	0.093
AVR75-13	0.89	0.112
AVR75-15	1.04	0.130
AVR75-17	1.19	0.149
AVR75-19	1.34	0.168
AVR75-21	1.49	0.186
AVR75-23	1.64	0.205
AVR75-25	1.79	0.223
AVR75-27	1.94	0.242
AVR75-29	2.09	0.261
AVR75-31	2.23	0.279
AVR75-33	2.38	0.298

Cell Type	Energy Capacity (kWh) ¹	Max. Continuous Discharge Rate (kW) ¹
AVR95-7	0.57	0.071
AVR95-9	0.76	0.095
AVR95-11	0.95	0.118
AVR95-13	1.13	0.142
AVR95-15	1.32	0.165
AVR95-17	1.51	0.189
AVR95-19	1.70	0.213
AVR95-21	1.89	0.236
AVR95-23	2.08	0.260
AVR95-25	2.27	0.284
AVR95-27	2.46	0.307
AVR95-29	2.65	0.331
AVR95-31	2.84	0.354
AVR95-33	3.02	0.378
AVR125-33	3.95	0.494

¹8hr rate to 1.75 vpc

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. **WASH HANDS AFTER HANDLING.**



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CERTIFICATIONS
ISO 9001:2015
ISO 14001:2015
IATF 16949:2016



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