



# AVR45, 75, 95, & 125 AH SPACESAVER® SYSTEMS MODULE DIMENSIONS

## NON-INTERLOCK™ MODULE

PLATE NO.	CAP. C/8 @ 1.75 VPC	NUMBER OF CELLS PER MODULE								DEPTH <sup>2</sup>		HEIGHT		BASE WEIGHT	
		3 WIDE				6 WIDE									
		LENGTH		MODULE WEIGHT <sup>1</sup>		LENGTH		MODULE WEIGHT <sup>1</sup>		in	mm	in	mm	lb	kg
		in	mm	lb	kg	in	mm	lb	kg						
<b>AVR45</b>															
5	91					14.55	370	151	68	17.5	445	9.48	241	18	8
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										
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										
<b>AVR75</b>															
5	160					14.55	370	228	103	24.5	622	9.48	241	26	12
7	235					19.00	483	302	137						
9	310					23.50	597	376	171						
11	390					28.00	711	450	204						
13	470					32.50	826	524	238						
15	550					37.00	940	599	272						
17	630	21.90	556	355	161										
19	705	24.15	613	392	178										
21	785	26.40	671	429	195										
23	865	28.65	728	466	211										
25	945	30.90	785	500	227										
27	1025	33.15	842	538	244										
29	1100	35.40	899	575	261										
31	1175	37.65	956	612	278										
33	1255	39.90	1013	649	294										
<b>AVR95</b>															
7	285					19.00	483	338	153	27.12	689	9.48	241	28	13
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										
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 Height<sup>1</sup> = (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 Height<sup>1</sup> = (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

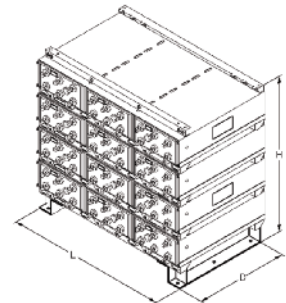
### Stack Weight

(# of tiers per stack x module weight) + base weight  
 3 = includes steel container weight & cell(s) weight

**Example:** 24AVR95-33

3 wide x 8 high system

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



<sup>1</sup> = Height includes base

<sup>2</sup> = Depth includes safety shield

# INTERLOCK™ MODULE

PLATE NO.	CAP C/8 @ 1.75 VPC	NUMBER OF CELLS PER MODULE																		DEPTH <sup>1</sup>		HEIGHT								
		2 WIDE						3 WIDE						4 WIDE										6 WIDE						
		LENGTH		MODULE WEIGHT <sup>2</sup>		BASE WEIGHT		LENGTH		MODULE WEIGHT <sup>2</sup>		BASE WEIGHT		LENGTH		MODULE WEIGHT <sup>2</sup>		BASE WEIGHT		LENGTH		WEIGHT		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			
<b>AVR45</b>																														
5	91																	9.70	246	108	49	37	17	14.55	370	163	74	42	19	
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	
11	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													18.25	464	9.54	242	
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																	
<b>AVR75</b>																														
5	160																	9.70	246	159	72	49	22	14.55	370	238	108	54	24	
7	235																	12.66	322	211	96	52	24	19.00	483	316	143	58	26	
9	310																	15.66	398	263	119	55	25	23.50	597	395	179	63	29	
11	390																	18.66	474	315	143	58	26	28.00	711	474	215	67	30	
13	470																	21.66	550	367	166	61	28	32.50	826	552	250	71	32	
15	550																	24.66	626	419	190	64	29	37.00	940	630	286	76	34	
17	630	14.60	371	248	112	54	24	21.90	556	373	169	61	28																	
19	705	16.10	409	274	124	55	25	24.15	613	412	187	63	29																	
21	785	17.60	447	300	136	57	26	26.40	671	451	205	65	29																	
23	865	19.10	485	326	148	58	26	28.65	728	490	222	67	30																	
25	945	20.60	523	350	159	60	27	30.90	785	526	239	69	31																	
27	1025	22.10	561	376	171	61	28	33.15	842	566	257	72	33																	
29	1100	23.60	599	402	182	63	29	35.40	899	605	274	74	34																	
31	1175	25.10	638	429	195	64	29	37.65	956	644	292	76	34																	
33	1255	26.60	676	455	206	66	30	39.90	1013	683	310	78	35																	
<b>AVR95</b>																														
7	285																	12.66	322	233	106	56	25	19.00	483	353	160	62	28	
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																	
<b>AVR125</b>																														
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 Height<sup>1</sup> = (module height - 1.44) x (# of tiers) + 4.00"

**Example:** 24AVR95-33  
 Stack Length = 39.90" x 1 stack = 39.90"  
 Stack Height<sup>1</sup> = (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

<sup>1</sup> = Height includes base  
<sup>2</sup> = Depth includes safety shield

**Stack Weight**

(# of tiers per stack x module weight) + base weight  
 3 = includes steel container weight & cell(s) weight

**Example:** 24AVR95-33  
 3 wide x 8 high system  
 Stack Weight = (8 x 781) + 81 = 6329 lb



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