



# 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>1</sup>		HEIGHT		BASE WEIGHT	
		3 WIDE				6 WIDE									
		LENGTH		MODULE WEIGHT <sup>2</sup>		LENGTH		MODULE WEIGHT <sup>2</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"

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

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

### Termination

Top Termination - Add 7.75" to overall height

Side Termination - Add 4.50" for each side termination

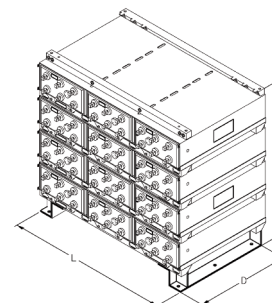
### Stack Weight

(# 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



# INTERLOCK™ MODULE

PLATE NO.	CAP. C/8 @ 1.75 VPC	NUMBER OF CELLS PER MODULE																				DEPTH <sup>2</sup>		HEIGHT					
		2 WIDE						3 WIDE						4 WIDE						6 WIDE									
		LENGTH		MODULE WEIGHT <sup>3</sup>		BASE WEIGHT		LENGTH		MODULE WEIGHT <sup>3</sup>		BASE WEIGHT		LENGTH		MODULE WEIGHT <sup>3</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																												
7	137																												
9	183																												
11	229																												
13	274																												
15	320																												
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																												
7	235																												
9	310																												
11	390																												
13	470																												
15	550																												
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																												
9	380																												
11	475																												
13	570																												
15	665																												
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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