

Liebert® APS

APS rating	Load level	Load (Watts)	(check if External Battery Cabinet is required depending on bays available in the main APS frame)													
			TOTAL quantity of battery strings													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
5kVA / 4.5kW	100%	4500	5	13	23	31	41	54	70	External battery cabinet required						
	90%	4050	6	14	26	36	48	64	81	84	94	103	110	120	133	145
	80%	3600	8	18	30	43	60	81	97	93	103	110	122	137	149	160
	70%	3150	9	22	34	50	71	89	102	109	118	134	150	164	175	195
	60%	2700	10	25	41	63	86	102	113	112	130	147	160	175	202	225
	50%	2250	13	30	53	82	101	116	142	135	153	167	196	223	246	265
	40%	1800	16	40	73	99	119	149	170	161	188	221	248	271		
	30%	1350	24	56	97	126	160	205	250	213	247	274	Please check for longer runtimes			
	20%	900	37	94	140	195	260									
	10%	450	92	184	Please check for longer runtimes											
10kVA / 9kW	100%	9000	Not recommended. Short runtime	5	9	13	18	23	27	31	37	41	47	54	61	70
	90%	8100		7	10	14	21	26	30	36	41	48	55	64	73	81
	80%	7200		8	12	18	24	28	35	41	49	57	67	77	85	91
	70%	6300		9	14	22	27	34	41	50	59	71	81	89	96	102
	60%	5400		10	17	25	33	41	51	63	76	86	95	102	108	113
	50%	4500		13	23	30	41	53	68	82	93	101	109	116	130	142
	40%	3600		16	27	40	54	73	88	99	108	119	135	149	160	170
	30%	2700		24	38	56	81	97	109	126	144	160	176	205	229	250
	20%	1800		37	66	94	112	140	162	195	231	260	Please check for longer runtimes			
	10%	900		92	134	184	251									
15kVA / 13,5kW	100%	13500	Not recommended. Short runtime	5	8	10	13	16	20	23	26	28	31	35		
	90%	12150		7	9	12	14	19	23	26	28	32	36	40		
	80%	10800		8	10	13	18	22	26	28	33	37	41	46		
	70%	9450		9	12	16	22	26	29	34	39	43	50	56		
	60%	8100		10	14	21	25	29	36	41	47	54	63	72		
	50%	6750		13	19	25	30	38	44	53	62	73	82	89		
	40%	5400		16	25	31	40	49	59	73	83	92	99	105		
	30%	4050		24	33	43	56	73	87	97	105	112	126	139		
	20%	2700		37	54	77	94	107	120	140	155	168	195	220		
	10%	1350		92	114	151	184	232	268	Please check for longer runtimes						
20kVA / 18kW	100%	18000	Not recommended. Short runtime	5	8	9	11	13	15	18	21	23	25			
	90%	16200		7	9	10	13	14	18	21	23	26	27			
	80%	14400		8	10	12	14	18	21	24	26	28	32			
	70%	12600		9	11	14	18	22	25	27	30	34	38			
	60%	10800		10	13	17	22	25	28	33	37	41	45			
	50%	9000		13	17	23	26	30	36	41	46	53	59			
	40%	7200		16	23	27	33	40	46	54	63	73	81			
	30%	5400		24	30	38	46	56	70	81	90	97	103			
	20%	3600		37	49	66	82	94	104	112	126	140	152			
	10%	1800		92	109	134	157	184	221	251	275	External battery cabinet required				

