

Table 21 Battery run time, minutes

Number of External Battery Cabinets	Load Percent of Capacity	208/120 VAC RT Models				208 VAC RT Model
		5 kVA	6 kVA	8 kVA	10 kVA	6 kVA (L630)
Internal Battery	10%	129	106	144	112	100
	20%	52	46	69	48	50
	30%	36	27	43	30	38
	40%	25	19	28	21	26
	50%	18	14	22	16	19
	60%	14	11	18	12	15
	70%	11	9	14	10	12
	80%	9	7	11	8	10
	90%	8	5	10	6	9
	100%	6	5	8	5	8
Internal Battery + 1 External Battery Cabinet	10%	217	188	312	201	200
	20%	131	108	145	120	132
	30%	82	67	102	73	98
	40%	53	46	71	49	73
	50%	45	37	50	40	52
	60%	37	28	43	31	46
	70%	28	23	36	26	40
	80%	25	19	28	21	34
	90%	21	16	26	18	28
	100%	18	14	22	16	25
Internal Battery + 2 External Battery Cabinets	10%	341	321	428	330	345
	20%	165	152	199	157	205
	30%	133	109	146	121	150
	40%	100	77	113	82	124
	50%	74	53	92	64	101
	60%	53	47	71	49	80
	70%	48	40	53	43	68
	80%	42	33	48	37	52
	90%	37	27	43	31	49
	100%	31	25	38	27	46
Internal Battery + 3 External Battery Cabinets	10%	438	424	450	430	433
	20%	221	192	314	204	316
	30%	158	143	180	149	196
	40%	134	109	147	122	157
	50%	106	82	126	95	138
	60%	83	68	103	73	113
	70%	70	51	82	60	101
	80%	53	46	71	49	83
	90%	49	41	60	44	75
	100%	45	36	50	40	67

Table 21 Battery run time, minutes

Number of External Battery Cabinets	Load Percent of Capacity	208/120 VAC RT Models				208 VAC RT Model
		5 kVA	6 kVA	8 kVA	10 kVA	6 kVA (L630)
Internal Battery + 4 External Battery Cabinets	10%	454	442	463	447	456
	20%	323	300	340	310	420
	30%	194	161	218	165	304
	40%	153	138	164	144	200
	50%	134	110	147	122	160
	60%	110	92	130	99	145
	70%	95	74	109	79	130
	80%	77	62	96	68	111
	90%	67	50	79	53	102
	100%	53	46	71	49	93
Internal Battery + 5 External Battery Cabinets	10%	464	454	480	459	466
	20%	343	324	429	332	430
	30%	224	194	316	206	332
	40%	166	153	203	158	225
	50%	150	134	161	140	195
	60%	134	110	147	122	161
	70%	112	95	133	102	149
	80%	100	77	113	82	137
	90%	82	67	102	73	126
	100%	74	53	91	64	110
Internal Battery + 6 External Battery Cabinets	10%	480	463	480	467	480
	20%	430	341	442	420	452
	30%	317	219	334	301	423
	40%	204	164	227	183	321
	50%	162	148	191	153	227
	60%	148	131	159	138	195
	70%	134	110	147	122	162
	80%	120	97	135	104	152
	90%	103	80	122	92	142
	100%	92	71	107	77	133

Run times in this table are approximate. They are based on new, fully charged standard battery modules at a temperature of 77°F (25°C) with 100% resistive UPS loading. Run times listed above can vary by ±5% due to manufacturing variances of the individual batteries.

Using the configuration program, the user may specify the number of external battery cabinets attached to the UPS. The factory default is programmed for internal batteries only.

Table 21 shows the estimated run times at different loads.