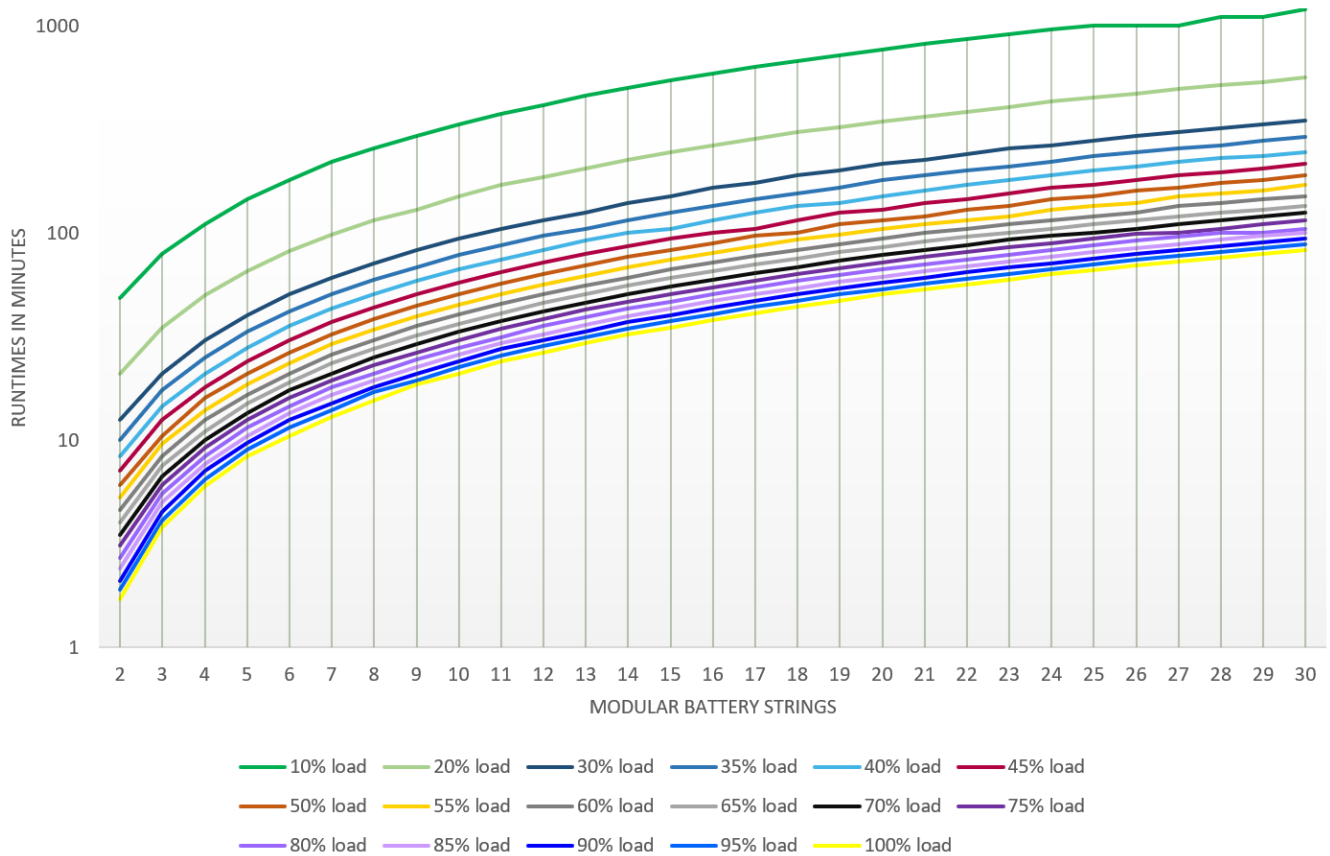


Easy UPS 3M

Battery Runtimes for UPSs with Internal Batteries and Modular Battery Cabinets

60 kVA UPS

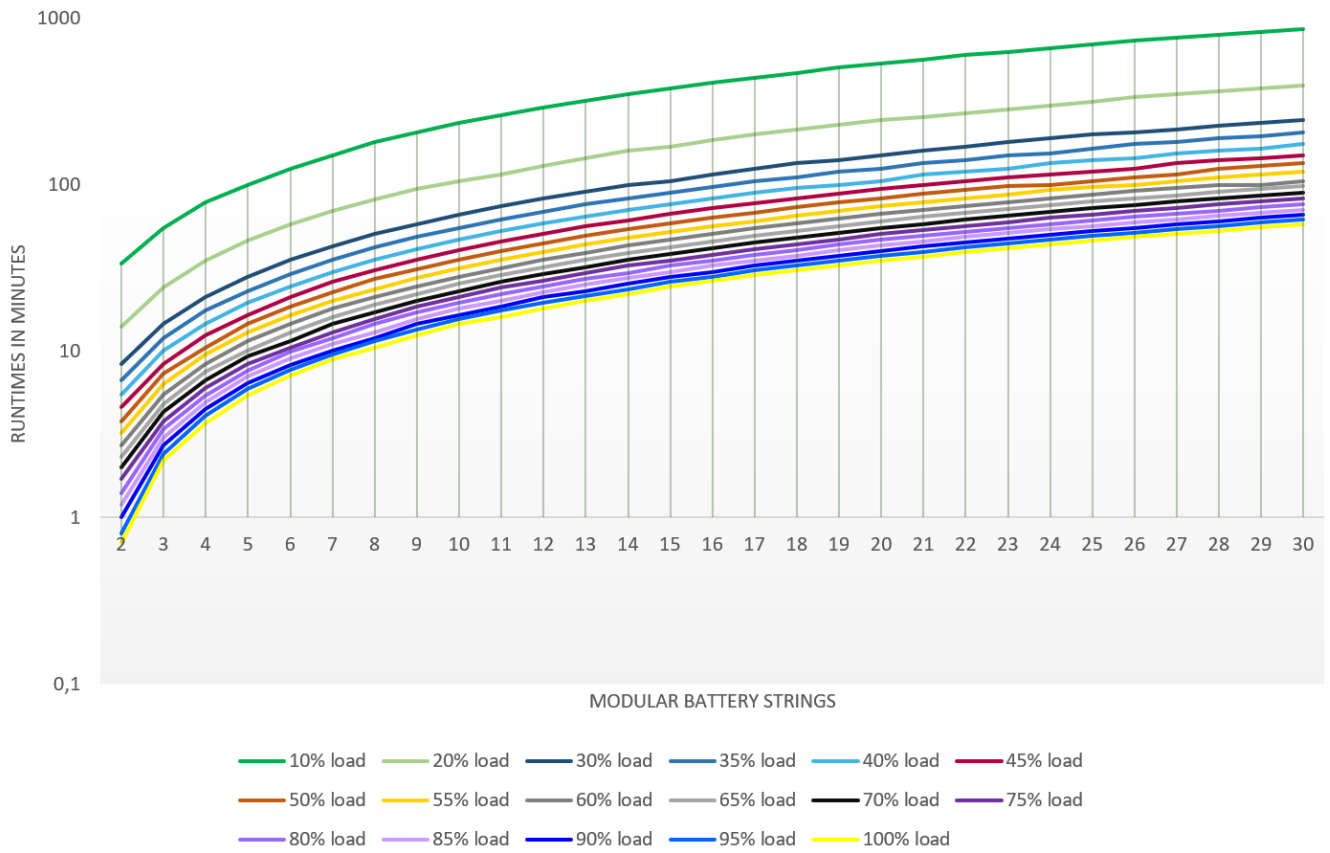
Battery runtimes are listed in minutes at various load percentages and are estimated values based on battery manufacturer data for operation at 25 °C.



Number of modular battery strings	10% load (6 kVA)	20% load (12 kVA)	30% load (18 kVA)	35% load (21 kVA)	40% load (24 kVA)	45% load (27 kVA)	50% load (30 kVA)	55% load (33 kVA)	60% load (36 kVA)	65% load (39 kVA)	70% load (42 kVA)	75% load (45 kVA)	80% load (48 kVA)	85% load (51 kVA)	90% load (54 kVA)	95% load (57 kVA)	100% load (60 kVA)
2	48.5	21	12.5	10	8.4	7.1	6.1	5.3									
3	79.5	35	21	17.5	14.5	12.5	10.5	9.6	8.4	7.5	6.7	6.1	5.5	5.0			
4	110	50	30.5	25	21	18	16	14	12.5	11	10	9.2	8.4	7.7	7.1	6.5	6
5	145	65.5	40	33.5	28	24	21	18.5	16.5	15	13.5	12.5	11.5	10.5	9.7	9	8.4
6	180	82	50.5	42	35.5	30.5	26.5	23.5	21	19	17.5	16	14.5	13.5	12.5	11.5	10.5
7	220	98.5	61	50.5	43	37	32.5	29	26	23.5	21	19.5	18	16.5	15	14	13
8	255	115	71.5	59.5	50.5	43.5	38.5	34	30.5	27.5	25	23	21	19.5	19	17	15.5
9	295	130	82.5	68.5	58.5	50.5	44.5	39.5	35.5	32	29	26.5	24.5	22.5	21	19.5	18.5
10	335	150	94	78	66.5	57.5	50.5	45	40.5	36.5	33.5	30.5	28	26	24	22.5	21
11	375	170	105	87.5	74.5	64.5	57	50.5	45.5	41	37.5	34.5	31.5	29.5	27.5	25.5	24
12	415	185	115	97.5	83	72	63	56.5	50.5	46	42	38.5	35.5	32.5	30.5	28.5	26.5
13	460	205	125	105	91.5	79	69.5	62	56	50.5	46	42.5	39	36	33.5	31.5	29.5
14	500	225	140	115	100	86.5	76.5	68	61	55.5	50.5	46.5	43	39.5	37	34.5	32.5
15	545	245	150	125	105	94	83	74	66.5	60.5	55	50.5	46.5	43	40	37.5	35
16	590	265	165	135	115	100	89.5	80	72	65.5	59.5	54.5	50.5	47	43.5	40.5	38
17	630	285	175	145	125	105	96.5	86	77.5	70.5	64	59	54.5	50.5	47	44	41
18	675	305	190	155	135	115	100	92.5	83	75.5	68.5	63	58.5	54	50.5	47	44
19	720	325	200	165	140	125	110	98.5	88.5	80.5	73.5	67.5	62.5	58	54	50.5	47
20	765	345	215	180	150	130	115	105	94	85.5	78	72	66.5	61.5	57.5	53.5	50.5
21	815	365	225	190	160	140	120	110	100	91	83	76.5	70.5	65.5	61	57	53.5
22	860	385	240	200	170	145	130	115	105	96	87.5	80.5	74.5	69	64.5	60	56.5
23	905	405	255	210	180	155	135	120	110	100	92.5	85	78.5	73	68	63.5	59.5
24	955	430	265	220	190	165	145	130	115	105	97.5	89.5	83	77	71.5	67	63
25	1000	450	280	235	200	170	150	135	120	110	100	94	87	81	75.5	70.5	66
26	1000	470	295	245	210	180	160	140	125	115	105	99	91.5	84.5	79	74	69.5
27	1000	495	305	255	220	190	165	150	135	120	110	100	95.5	88.5	82.5	77.5	72.5
28	1100	515	320	265	230	195	175	155	140	125	115	105	100	92.5	86.5	81	76
29	1100	535	335	280	235	205	180	160	145	130	120	110	100	96.5	90	84.5	79
30	1200	560	350	290	245	215	190	170	150	135	125	115	105	100	94	88	82.5

80 kVA UPS

Battery runtimes are listed in minutes at various load percentages and are estimated values based on battery manufacturer data for operation at 25 °C.



Number of modular battery strings	10% load (8 kVA)	20% load (16 kVA)	30% load (24 kVA)	35% load (28 kVA)	40% load (32 kVA)	45% load (36 kVA)	50% load (40 kVA)	55% load (44 kVA)	60% load (48 kVA)	65% load (52 kVA)	70% load (56 kVA)	75% load (60 kVA)	80% load (64 kVA)	85% load (68 kVA)	90% load (72 kVA)	95% load (76 kVA)	100% load (80 kVA)
2	33.5	14	8.4	6.7	5.5												
3	55	24	14.5	12	10	8.4	7.3	6.3	5.5								
4	78	35	21	17.5	14.5	12.5	10.5	9.6	8.4	7.5	6.7	6	5.4				
5	100	46	28	23	19.5	16.5	14.5	13	11.5	10	9.3	8.4	7.6	7	6.4	5.9	5.4
6	125	57.5	35.5	29	24.5	21	18.5	16.5	14.5	13	11.5	10.5	9.9	9.1	8.3	7.7	7.1
7	150	69.5	42.5	35.5	30	26	22.5	20	18	16	14.5	13	12	11	10	9.6	8.9
8	180	81.5	50.5	42	35.5	30.5	27	23.5	21	19	17	15.5	14.5	13	12	11.5	10.5
9	205	94	58	48.5	41	35.5	31	27.5	24.5	22	20	18.5	17	15.5	14.5	13.5	12.5
10	235	105	66	55	46.5	40.5	35.5	31.5	28	25.5	23	21	19.5	18	16.5	15.5	14.5
11	260	115	74.5	62	52.5	45.5	40	35.5	31.5	28.5	26	24	22	20	18.5	17.5	16
12	290	130	82.5	69	58.5	50.5	44.5	39.5	35.5	32	29	26.5	24.5	22.5	21	19.5	18
13	320	145	91	76	64.5	56	49	43.5	39	35.5	32	29.5	27	25	23	21.5	20
14	350	160	99.5	83	70.5	61	54	48	43	39	35.5	32.5	29.5	27.5	25.5	23.5	22
15	380	170	105	90	76.5	66.5	58.5	52	46.5	42	38.5	35	32.5	30	28	26	24.5
16	410	185	115	97.5	83	72	63.5	56.5	50.5	45.5	41.5	38	35	32.5	30	28	26.5
17	440	200	125	105	89	77.5	68	60.5	54.5	49.5	45	41	38	35	32.5	30.5	28.5
18	470	215	135	110	95.5	83	73	65	58.5	53	48	44	40.5	37.5	35	32.5	30.5
19	505	230	140	120	100	88.5	78	69.5	62.5	56.5	51.5	47	43.5	40.5	37.5	35	32.5
20	535	245	150	125	105	94	83	74	66.5	60	55	50.5	46.5	43	40	37.5	35
21	565	255	160	135	115	100	88	78.5	70.5	64	58	53.5	49	45.5	42.5	39.5	37
22	600	270	170	140	120	105	93.5	83	74.5	67.5	61.5	56.5	52	48.5	45	42	39.5
23	630	285	180	150	125	110	98.5	87.5	78.5	71.5	65	59.5	55	51	47.5	44.5	41.5
24	665	300	190	155	135	115	100	92.5	83	75	68.5	63	58	54	50	46.5	44
25	695	315	200	165	140	120	105	97	87	79	72	66	61	56.5	52.5	49	46
26	730	335	205	175	145	125	110	100	91.5	83	75.5	69.5	64	59.5	55	51.5	48.5
27	765	350	215	180	155	135	115	105	95.5	86.5	79	72.5	67	62	58	54	50.5
28	800	365	225	190	160	140	125	110	100	90.5	82.5	76	70	65	60.5	56.5	53
29	830	380	235	195	165	145	130	115	100	94.5	86	79	73	68	63	59	55.5
30	865	395	245	205	175	150	135	120	105	98.5	90	82.5	76	70.5	66	61.5	57.5