

Easy UPS 3M

Battery Runtimes for UPSs for External Batteries and Classic Battery Cabinets – 400 V Systems

Battery runtimes are listed in minutes.

Battery runtimes are estimated values based on battery manufacturer data for operation at 25 °C.

Runtimes are given with Leoch battery type XP12-300 for E3MCBC10A and E3MCBC10D. Previous versions of E3MCBC10A and E3MCBC10D with battery type XP12V2500 do not match the given runtimes.

Runtimes are given with Leoch battery type XP12-350 for E3MCBC10B, E3MCBC10C, and E3MCBC10E. Previous versions of E3MCBC10B, E3MCBC10C, and E3MCBC10E with battery type XP12V3000 do not match the given runtimes.

Battery Runtimes for 60 and 80 kVA UPSs and Classic Battery Cabinets

UPS rating	60 kVA				80 kVA			
Power factor	1							
	25% load	50% load	75% load	100% load	25% load	50% load	75% load	100% load
E3MCBC7C	40.5	17	9.6	6	28	11	6	NA
E3MCBC7D	64	28	16.5	11	45.5	19.5	11	7
E3MCBC10A	100	44.5	26.5	18	72	31	18	11.5
E3MCBC10B	120	54	32.5	22	86.5	37.5	22	14.5
E3MCBC10C	135	61	37	25.5	98	43	25.5	17
E3MCBC10D	225	100	63	44	160	73	44	30.5
E3MCBC10E	270	120	76	53.5	190	87.5	53.5	37
2 x E3MCBC7C	92.5	40.5	24.5	16.5	65	28	16	10.5
2 x E3MCBC7D	140	64	39	27	100	46	27	18.5

Battery Runtimes for 100 and 120 kVA UPSs and Classic Battery Cabinets

UPS rating	100 kVA				120 kVA			
Power factor	1							
	25% load	50% load	75% load	100% load	25% load	50% load	75% load	100% load
E3MCBC7C	21	8	NA	NA	16.5	6.1	NA	NA
E3MCBC7D	34	14	8	NA	27.5	11	6	NA
E3MCBC10A	55.5	23	13	8.4	44	18	10	6.1
E3MCBC10B	66.5	28.5	16	10.5	53.5	22	12.5	7.8
E3MCBC10C	75.5	32.5	19	12.5	60.5	25.5	14.5	9.3
E3MCBC10D	125	56	33.5	23	100	44.5	26.5	18
E3MCBC10E	150	67.5	41	28	120	53.5	32.5	22
2 x E3MCBC7C	50	21	12	7.6	40.5	16.5	9.5	6
2 x E3MCBC7D	79	35	20.5	13.5	64	28	16	11
2 x E3MCBC10A	NA	NA	NA	NA	100	44.5	26.5	18
2 x E3MCBC10B	NA	NA	NA	NA	120	53.5	32.5	22
2 x E3MCBC10C	NA	NA	NA	NA	135	61	37	25.5
2 x E3MCBC10D	NA	NA	NA	NA	225	100	63	44
2 x E3MCBC10E	NA	NA	NA	NA	270	120	76	53.5
E3MCBC10A+ E3MCBC10D	NA	NA	NA	NA	160	72.5	44.5	30.5
E3MCBC10B+ E3MCBC10E	NA	NA	NA	NA	195	87.5	53.5	37.5

Battery Runtimes for 160 and 200 kVA UPSs and Classic Battery Cabinets

UPS rating	160 kVA				200 kVA			
Power factor	1							
	25% load	50% load	75% load	100% load	25% load	50% load	75% load	100% load
E3MCBC7C	11	NA	NA	NA	8	NA	NA	NA
E3MCBC7D	19	7.5	NA	NA	14	NA	NA	NA
E3MCBC10A	31	12	6.2	NA	23	8.5	NA	NA
E3MCBC10B	37.5	15	7.9	NA	28	10.5	5.1	NA
E3MCBC10C	43	17	9.4	5.5	32	12.5	6.3	NA
E3MCBC10D	72.5	31	18	11.5	55	23	13	8.4
E3MCBC10E	87	37.5	22	14.5	66.5	28	16	10.5
2 x E3MCBC7C	28.5	11	6	NA	21	8	NA	NA
2 x E3MCBC7D	45.5	19.5	11	7.4	34.5	14	8	NA
2 x E3MCBC10A	72.5	31	18	11.5	55	23	13	8.4
2 x E3MCBC10B	87	37.5	22	14.5	66.5	28	16	10.5
2 x E3MCBC10C	99	43	25.5	17	75.5	32.5	18.5	12
2 x E3MCBC10D	160	73	44	30.5	125	55.5	33.5	23
2 x E3MCBC10E	195	87.5	53.5	37	150	67	40.5	28
E3MCBC10A+ E3MCBC10D	115	51.5	31	21	89.5	39	23	15.5
E3MCBC10B+ E3MCBC10E	140	62	37.5	25.5	105	47	28	19

Battery Runtimes for UPSs for External Batteries and Classic Battery Cabinets – 208 V Systems

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

Battery Runtimes for 50 and 60 kVA UPSs and Classic Battery Cabinets

UPS rating	50 kVA				60 kVA			
Power factor	1							
Battery Solution	25% Load	50% Load	75% Load	100% Load	25% Load	50% Load	75% Load	100% Load
E3MCBC7C	49.5	21	12	7.9	39.5	16.5	9.3	5.8
E3MCBC7D	77.5	34	20.5	14	62.5	27.5	16	11
E3MCBC10A	105	48	29	20	86	38.5	23	15.5
E3MCBC10B	150	68.5	41	28	120	54.5	32.5	22
E3MCBC10C	170	77.5	47	32	140	62.5	37.5	25
E3MCBC10D	230	105	67	47.5	190	87	54	38
E3MCBC10E	340	155	96.5	67.5	275	125	77.5	54
2xE3MCBC7C	110	49.5	30	20.5	90.5	40	24	16
2xE3MCBC7D	170	78.5	48.5	34	140	63	39	27
2xE3MCBC10A					190	87	54	38
2xE3MCBC10B					275	125	77.5	54
2xE3MCBC10C					310	140	88	61.5
2xE3MCBC10D					410	190	120	86.5
2xE3MCBC10E					610	280	175	120
E3MCBC10A+ E3MCBC10D					300	135	87	62
E3MCBC10B+ E3MCBC10E					440	200	125	88.5

Battery Runtimes for 80 and 100 kVA UPSs and Classic Battery Cabinets

UPS rating	80 kVA				100 kVA			
Power factor	1							
Battery Solution	25% Load	50% Load	75% Load	100% Load	25% Load	50% Load	75% Load	100% Load
E3MCBC7C	27.5	11	5.9	3.4	20.5	7.9	3.9	1.9
E3MCBC7D	44.5	19	11	7.2	33.5	14	8	5
E3MCBC10A	62	27	15.5	10	47	20	11.5	7.2
E3MCBC10B	89	38	22	14	67.5	28	15.5	9.9
E3MCBC10C	100	43.5	25.5	16.5	76.5	32.5	18.5	11.5
E3MCBC10D	135	62	38	26.5	105	47.5	29	20
E3MCBC10E	200	89.5	54.5	37.5	150	68	41	28
2xE3MCBC7C	64.5	28	16.5	11	49	21	12	7.8
2xE3MCBC7D	100	45	27	18.5	77.5	34	20.5	14
2xE3MCBC10A	135	62	38	26.5	105	47.5	29	20
2xE3MCBC10B	200	89.5	54.5	37.5	150	68	41	28
2xE3MCBC10C	225	100	62	43	170	77.5	47	32
2xE3MCBC10D	300	135	87	61.5	230	105	67	47
2xE3MCBC10E	440	200	125	88.5	340	155	96	67.5

Battery Runtimes for 80 and 100 kVA UPSs and Classic Battery Cabinets (Continued)

UPS rating	80 kVA				100 kVA			
Power factor	1							
Battery Solution	25% Load	50% Load	75% Load	100% Load	25% Load	50% Load	75% Load	100% Load
E3MCBC10A+ E3MCBC10D	215	99.5	62	44	165	77	47.5	33
E3MCBC10B+ E3MCBC10E	315	140	89	62.5	245	110	68	47.5