

MGE Galaxy 300 – Battery Runtimes

UPS with integrated batteries

kVA	UPS (3:1) Model Number	UPS (3:3) Model Number	Typical runtime 70% load	Typical runtime 100% load
10	G3HT10K3IB1S	G3HT10KHB1S	13 min	10 min
	G3HT10K3IB2S	G3HT10KHB2S	35 min	26 min
15	G3HT15K3IB1S	G3HT15KHB1S	9 min	5 min
	G3HT15K3IB2S	G3HT15KHB2S	33 min	24 min
20	G3HT20K3IB1S	G3HT20KHB1S	12 min	9 min
	G3HT20K3IB2S	G3HT20KHB2S	25 min	18 min
30	G3HT30K3IB1S	G3HT30KHB1S	13 min	9 min
	G3HT30K3IB2S	G3HT30KHB2S	29 min	20 min
40	N/A	G3HT40KHB1S	10 min	6 min
		G3HT40KHB2S	20 min	13 min

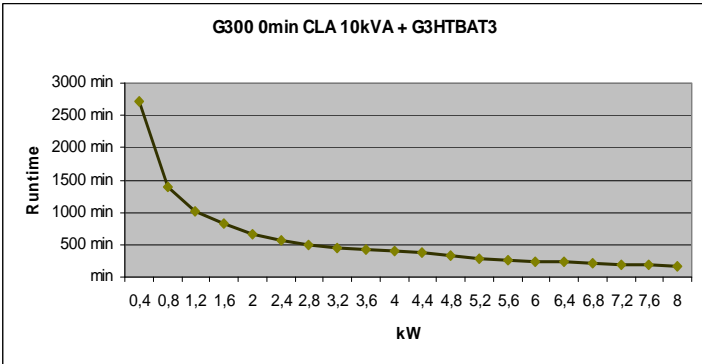
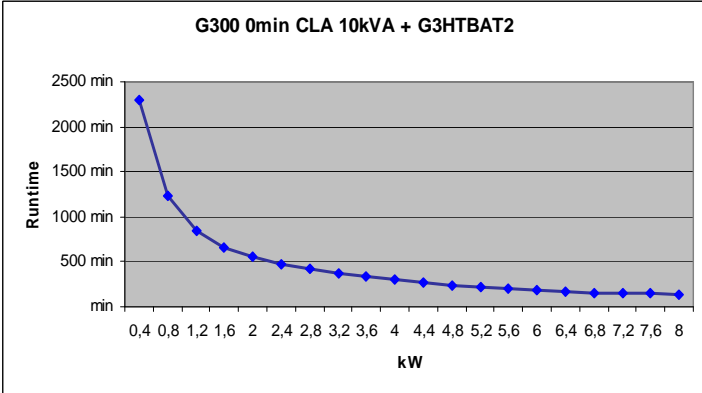
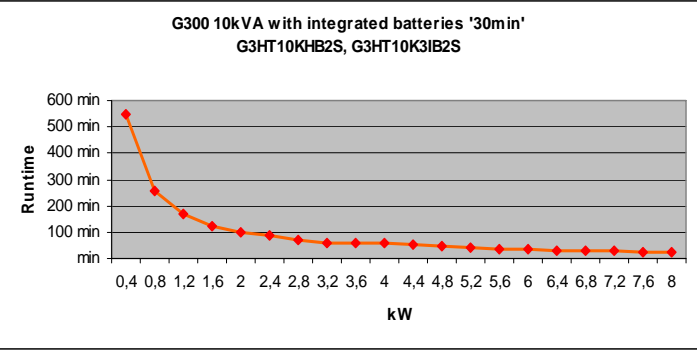
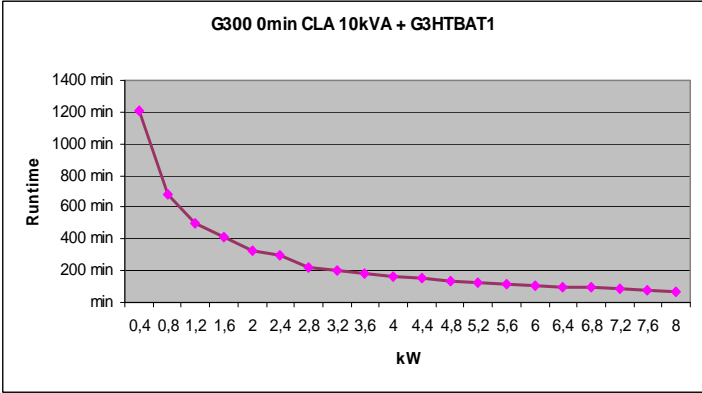
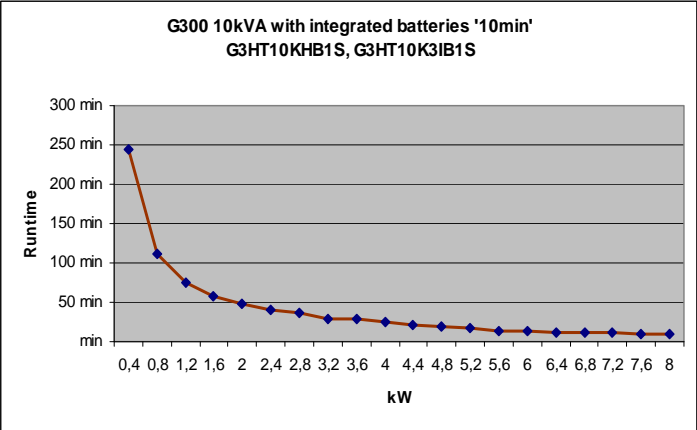
UPS with long backup charger and external battery cabinet options

kVA	UPS (3:1) Model Number	UPS (3:3) Model Number	Battery Cabinet Model Number	Typical runtime 70% load	Typical Runtime 100% load
10	G3HT10K3ILS	G3HT10KHLS	G3HTBAT1	113 min	73 min
			G3HTBAT2	203 min	130 min
			G3HTBAT3	267 min	170 min
15	G3HT15K3ILS	G3HT15KHLS	G3HTBAT1	65 min	42 min
			G3HTBAT2	121 min	80 min
			G3HTBAT3	173 min	115 min
20	G3HT20K3ILS	G3HT20KHLS	G3HTBAT2	86 min	58 min
			G3HTBAT3	120 min	74 min
30	G3HT30K3ILS	G3HT30KHLS	G3HTBAT2	55 min	30 min
			G3HTBAT3	71 min	40 min
40	N/A	G3HT40KHLS	G3HTBAT3	53 min	30 min
Battery Cabinet Dimension (HxWxD): 1300x660x850mm G3HTBAT1 is composed of 1 cabinet ; G3HTBAT2 and G3HTBAT3 are composed of 2 cabinets Runtime values based on Power Factor 0.8 Runtimes are estimates					

MGE Galaxy 300 - 10kVA – Runtime Table

			Runtime estimation in minutes				
% load	kVA	kW	G3HT10KHB1S G3HT10K3IB1S	G3HT10KHB2S G3HT10K3IB2S	G300 0min CLA 10kVA + G3HTBAT1	G300 0min CLA 10kVA + G3HTBAT2	G300 0min CLA 10kVA + G3HTBAT3
5%	0,5	0,4	244 min	545 min	1213 min	2298 min	2724 min
10%	1	0,8	111 min	254 min	677 min	1230 min	1383 min
15%	1,5	1,2	74 min	167 min	495 min	850 min	1016 min
20%	2	1,6	58 min	125 min	411 min	666 min	834 min
25%	2,5	2	48 min	96 min	329 min	549 min	662 min
30%	3	2,4	41 min	86 min	300 min	476 min	565 min
35%	3,5	2,8	37 min	71 min	225 min	425 min	503 min
40%	4	3,2	30 min	61 min	201 min	378 min	460 min
45%	4,5	3,6	29 min	56 min	179 min	344 min	422 min
50%	5	4	26 min	56 min	163 min	312 min	400 min
55%	5,5	4,4	20 min	52 min	150 min	278 min	367 min
60%	6	4,8	18 min	48 min	134 min	238 min	336 min
65%	6,5	5,2	17 min	43 min	124 min	219 min	291 min
70%	7	5,6	14 min	36 min	113 min	204 min	268 min
75%	7,5	6	13 min	34 min	106 min	190 min	242 min
80%	8	6,4	12 min	32 min	99 min	170 min	229 min
85%	8,5	6,8	12 min	30 min	91 min	160 min	215 min
90%	9	7,2	11 min	26 min	86 min	153 min	197 min
95%	9,5	7,6	10 min	25 min	80 min	145 min	187 min
100%	10	8	10 min	24 min	71 min	130 min	170 min

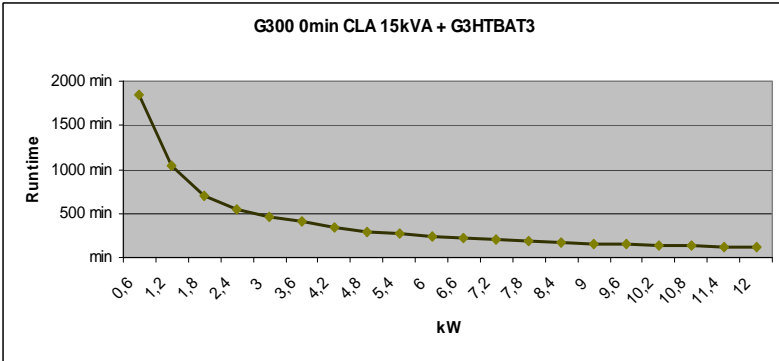
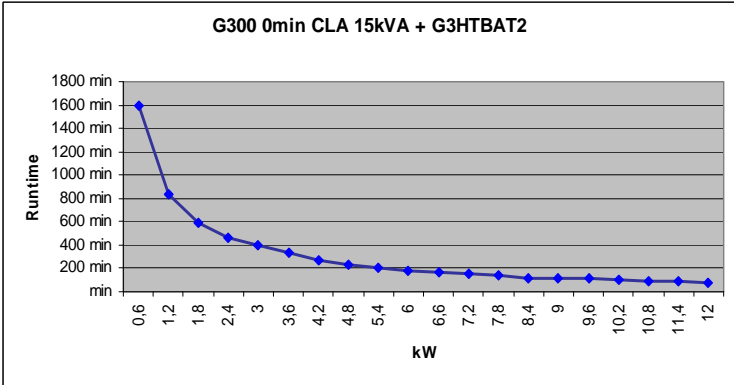
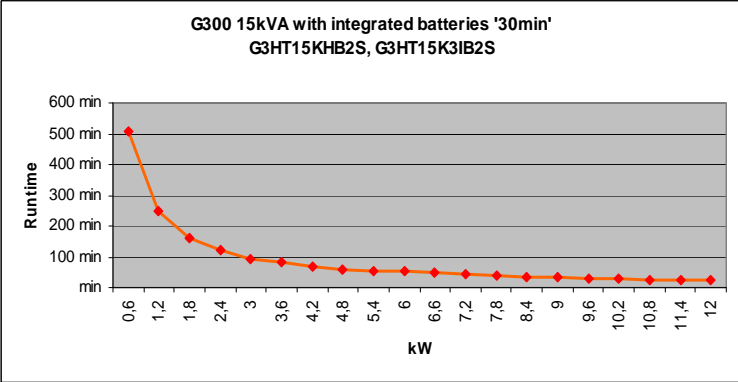
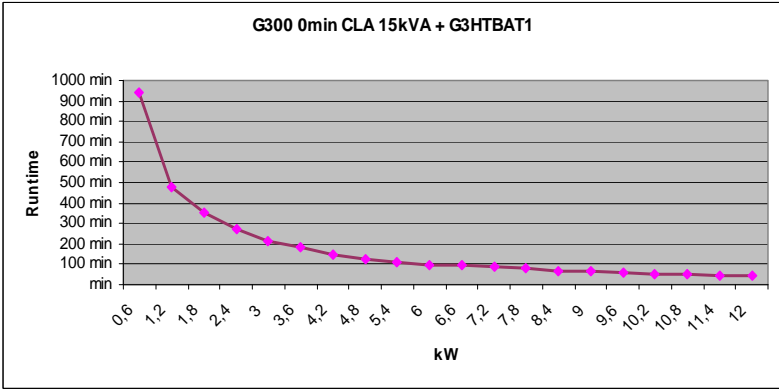
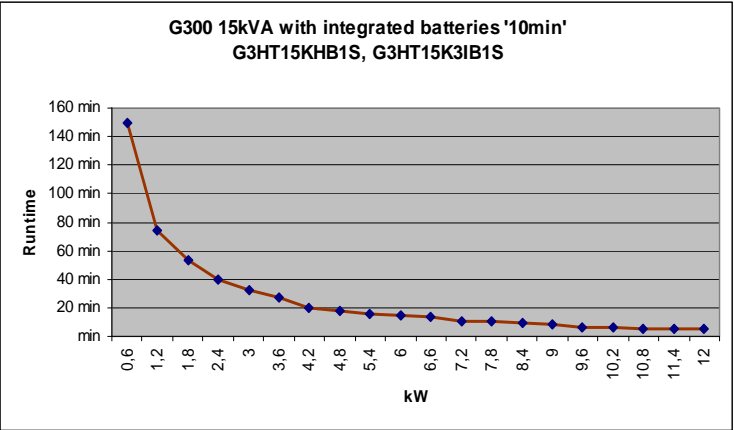
MGE Galaxy 300 - 10kVA – Runtime Curves



MGE Galaxy 300 - 15kVA – Runtime Table

Runtime estimation in minutes							
% load	kVA	kW	G3HT15KHB1S G3HT15K3IB1S	G3HT15KHB2S G3HT15K3IB2S	G300 0min CLA 15kVA + G3HTBAT1	G300 0min CLA 15kVA + G3HTBAT2	G300 0min CLA 15kVA + G3HTBAT3
5%	0, 75	0, 6	150 min	507 min	939 min	1597 min	1841 min
10%	1, 5	1, 2	74 min	251 min	477 min	835 min	1048 min
15%	2, 25	1, 8	53 min	163 min	352 min	586 min	707 min
20%	3	2, 4	39 min	122 min	270 min	468 min	555 min
25%	3, 75	3	32 min	94 min	216 min	400 min	469 min
30%	4, 5	3, 6	27 min	81 min	181 min	331 min	405 min
35%	5, 25	4, 2	20 min	69 min	147 min	273 min	344 min
40%	6	4, 8	18 min	58 min	122 min	227 min	295 min
45%	6, 75	5, 4	16 min	55 min	109 min	202 min	270 min
50%	7, 5	6	15 min	53 min	98 min	183 min	246 min
55%	8, 25	6, 6	14 min	49 min	94 min	165 min	220 min
60%	9	7, 2	11 min	44 min	87 min	153 min	204 min
65%	9, 75	7, 8	10 min	39 min	79 min	136 min	182 min
70%	10, 5	8, 4	9 min	33 min	66 min	122 min	174 min
75%	11, 25	9	9 min	32 min	64 min	118 min	162 min
80%	12	9, 6	6 min	30 min	60 min	110 min	152 min
85%	12, 75	10, 2	6 min	28 min	55 min	100 min	143 min
90%	13, 5	10, 8	5 min	25 min	51 min	95 min	130 min
95%	14, 25	11, 4	5 min	24 min	47 min	90 min	123 min
100%	15	12	5 min	22 min	42 min	80 min	115 min

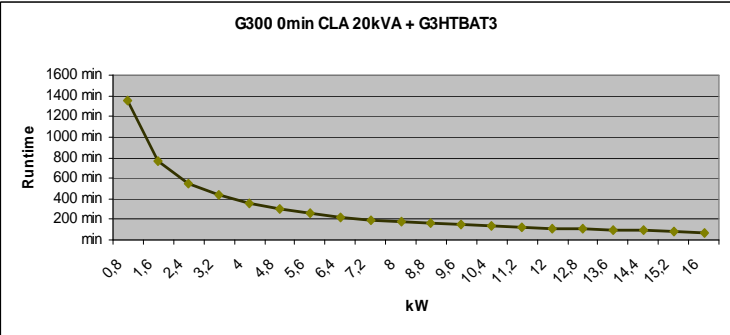
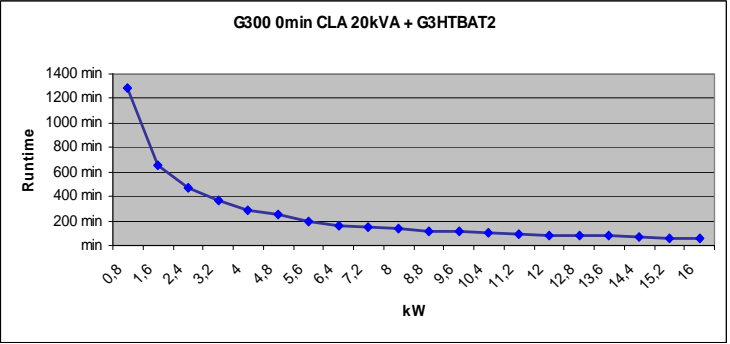
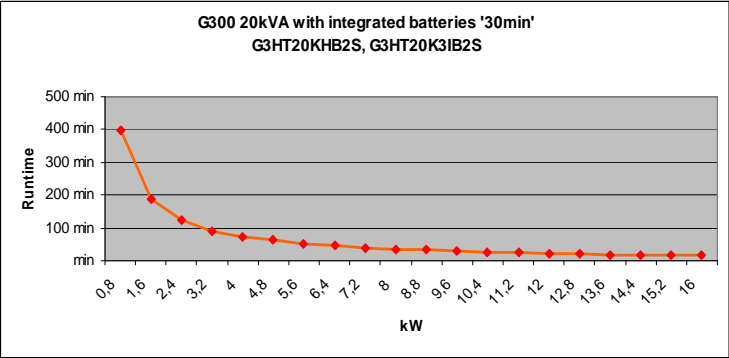
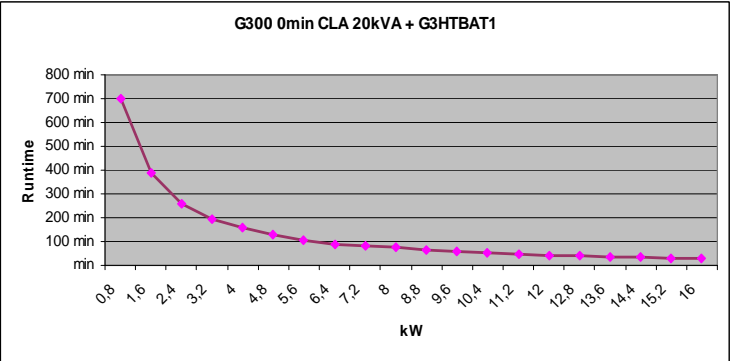
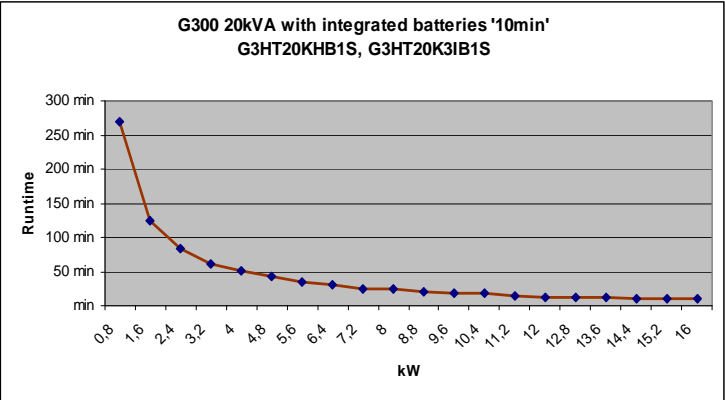
MGE Galaxy 300 - 15kVA – Runtime Curves



MGE Galaxy 300 - 20kVA – Runtime Table

			Runtime estimation in minutes				
% load	kVA	kW	G3HT20KHB1S G3HT20K3IB1S	G3HT20KHB2S G3HT20K3IB2S	G300 0min CLA 20kVA + G3HTBAT1	G300 0min CLA 20kVA + G3HTBAT2	G300 0min CLA 20kVA + G3HTBAT3
5%	1	0,8	269 min	397 min	698 min	1287 min	1353 min
10%	2	1,6	124 min	187 min	389 min	649 min	759 min
15%	3	2,4	83 min	122 min	259 min	465 min	552 min
20%	4	3,2	61 min	89 min	195 min	369 min	443 min
25%	5	4	51 min	72 min	160 min	288 min	361 min
30%	6	4,8	42 min	66 min	130 min	247 min	295 min
35%	7	5,6	35 min	52 min	105 min	193 min	260 min
40%	8	6,4	30 min	45 min	89 min	165 min	222 min
45%	9	7,2	25 min	39 min	82 min	147 min	197 min
50%	10	8	24 min	35 min	76 min	132 min	174 min
55%	11	8,8	20 min	32 min	65 min	120 min	165 min
60%	12	9,6	19 min	30 min	60 min	110 min	151 min
65%	13	10,4	18 min	27 min	55 min	99 min	140 min
70%	14	11,2	14 min	26 min	47 min	92 min	121 min
75%	15	12	13 min	22 min	44 min	86 min	116 min
80%	16	12,8	12 min	20 min	40 min	79 min	107 min
85%	17	13,6	12 min	19 min	37 min	75 min	98 min
90%	18	14,4	11 min	18 min	34 min	65 min	92 min
95%	19	15,2	10 min	17 min	30 min	62 min	86 min
100%	20	16	10 min	16 min	28 min	58 min	74 min

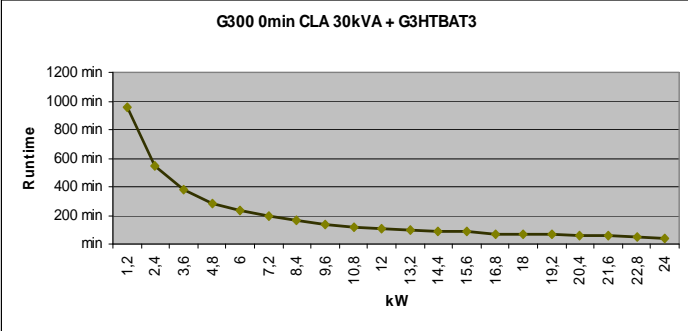
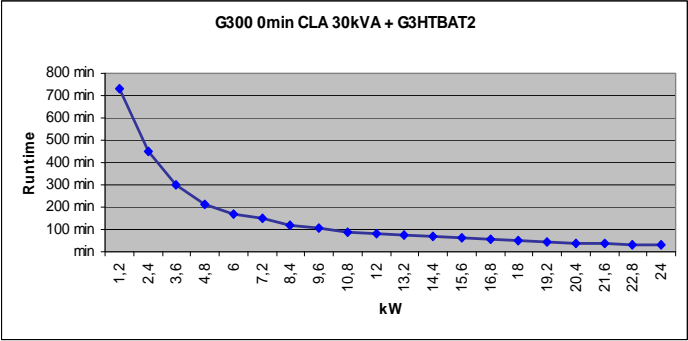
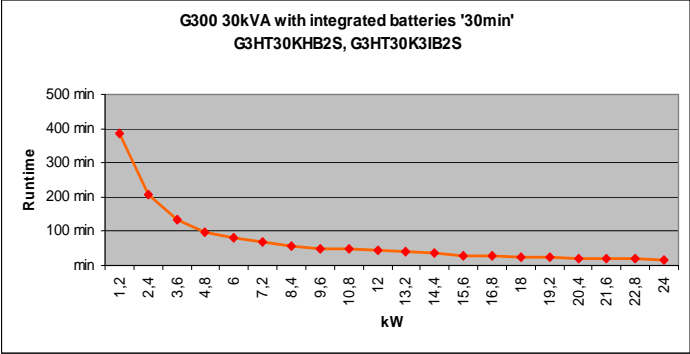
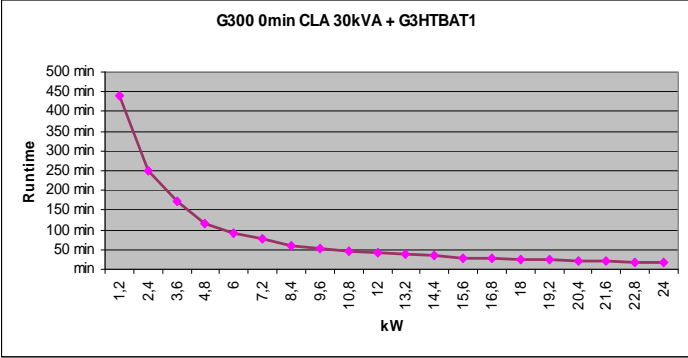
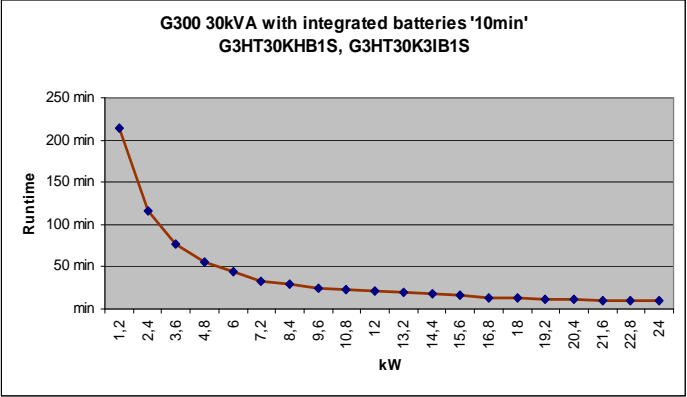
MGE Galaxy 300 - 20kVA – Runtime Curves



MGE Galaxy 300 - 30kVA – Runtime Table

% load	kVA	kW	Runtime estimation in minutes				
			G3HT30KHB1S G3HT30K3IB1S	G3HT30KHB2S G3HT30K3IB2S	G300 0min CLA 30kVA + G3HTBAT1	G300 0min CLA 30kVA + G3HTBAT2	G300 0min CLA 30kVA + G3HTBAT3
5%	1, 5	1, 2	214 min	388 min	442 min	732 min	960 min
10%	3	2, 4	116 min	209 min	248 min	447 min	548 min
15%	4, 5	3, 6	77 min	135 min	171 min	302 min	384 min
20%	6	4, 8	56 min	97 min	118 min	216 min	286 min
25%	7, 5	6	45 min	80 min	91 min	172 min	232 min
30%	9	7, 2	33 min	68 min	78 min	147 min	194 min
35%	10, 5	8, 4	29 min	55 min	60 min	120 min	164 min
40%	12	9, 6	24 min	50 min	53 min	106 min	138 min
45%	13, 5	10, 8	23 min	47 min	47 min	90 min	117 min
50%	15	12	22 min	44 min	42 min	80 min	105 min
55%	16, 5	13, 2	19 min	40 min	38 min	76 min	100 min
60%	18	14, 4	18 min	35 min	35 min	70 min	92 min
65%	19, 5	15, 6	16 min	30 min	29 min	60 min	84 min
70%	21	16, 8	13 min	29 min	27 min	55 min	72 min
75%	22, 5	18	12 min	26 min	25 min	50 min	68 min
80%	24	19, 2	12 min	23 min	23 min	46 min	64 min
85%	25, 5	20, 4	11 min	22 min	21 min	40 min	60 min
90%	27	21, 6	10 min	19 min	19 min	37 min	55 min
95%	28, 5	22, 8	10 min	18 min	18 min	33 min	49 min
100%	30	24	9 min	18 min	16 min	30 min	40 min

MGE Galaxy 300 - 30kVA – Runtime Curves



MGE Galaxy 300 - 40kVA – Runtime Table

			Runtime estimation in minutes				
% load	kVA	kW	G3HT40KHB1S	G3HT40KHB2S	G300 0min CLA 40kVA + G3HTBAT1	G300 0min CLA 40kVA + G3HTBAT2	G300 0min CLA 40kVA + G3HTBAT3
5%	2	1,6	180 min	332 min	379 min	632 min	809 min
10%	4	3,2	85 min	155 min	189 min	334 min	427 min
15%	6	4,8	56 min	102 min	118 min	216 min	286 min
20%	8	6,4	43 min	76 min	86 min	162 min	215 min
25%	10	8	34 min	58 min	63 min	126 min	171 min
40%	16	12,8	29 min	51 min	53 min	106 min	139 min
35%	14	11,2	23 min	41 min	43 min	86 min	112 min
40%	16	12,8	19 min	34 min	36 min	74 min	94 min
45%	18	14,4	17 min	32 min	32 min	62 min	84 min
50%	20	16	16 min	29 min	29 min	55 min	75 min
55%	22	17,6	14 min	27 min	26 min	51 min	70 min
60%	24	19,2	12 min	24 min	24 min	45 min	64 min
65%	26	20,8	11 min	22 min	21 min	40 min	59 min
70%	28	22,4	10 min	20 min	18 min	32 min	54 min
75%	30	24	9 min	18 min	16 min	31 min	49 min
80%	32	25,6	9 min	17 min	15 min	29 min	46 min
85%	34	27,2	8 min	16 min	14 min	28 min	42 min
90%	36	28,8	6 min	15 min	11 min	26 min	38 min
95%	38	30,4	5 min	14 min	11 min	24 min	35 min
100%	40	32	5 min	13 min	10 min	21 min	31 min

MGE Galaxy 300 - 40kVA – Runtime Curves

