

Galaxy VS UPS with Classic Battery Cabinets

Battery Runtimes for 400 V Systems

Battery runtimes are listed in minutes at 100% load.

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

UPS rating	20 kW			30 kW			40 kW		
Power factor	0.8	0.9	1	0.8	0.9	1	0.8	0.9	1
Runtime in minutes for UPS system with one classic battery cabinet									
GVSCBC7A	34.0	29.5	25.5	20.0	16.5	14.0	13.0	10.5	9.0
GVSCBC7B	52.0	44.5	39.0	30.5	26.0	22.0	20.5	17.0	14.5
GVSCBC7C	62.0	54.0	47.5	38.0	32.5	28.5	26.0	22.5	19.5
GVSCBC10A2	88.0	77.0	67.5	54.0	47.0	41.0	38.0	32.5	28.5
GVSCBC10B2	135	115	100	84.0	73.0	64.0	59.5	51.0	45.0
Runtime in minutes for UPS system with two classic battery cabinets									
2 x GVSCBC7A	81.5	71.0	62.0	49.5	43.0	37.5	34.5	29.5	25.5
2 x GVSCBC7B	120	105	94.5	75.5	65.0	56.5	52.0	44.5	39.0
2 x GVSCBC7C	140	125	110	89.0	77.0	67.5	62.5	54.0	47.5
2 x GVSCBC10A2	200	175	155	125	105	96.0	89.0	77.0	68.0
2 x GVSCBC10B2	300	260	230	190	165	145	135	115	100

UPS rating	50 kW			60 kW			80 kW			100 kW		
Power factor	0.8	0.9	1	0.8	0.9	1	0.8	0.9	1	0.8	0.9	1
Runtime in minutes for UPS system with one classic battery cabinet												
GVSCBC7A	9.0	7.2	5.8	6.4	NA ¹							
GVSCBC7B	14.5	12.0	10.0	10.5	8.9	7.3	6.5	5.0	NA ¹	NA ¹	NA ¹	NA ¹
GVSCBC7C	NA ²	NA ²	NA ²	15.0	13.0	11.0	10.0	8.4	7.1	NA ²	NA ²	NA ²
GVSCBC10A2	28.5	24.5	21.0	22.5	19.0	16.5	15.0	13.0	11.0	11.0	9.3	7.9
GVSCBC10B2	45.0	38.5	33.5	35.5	30.5	26.5	24.0	20.5	17.5	17.5	14.5	12.5
Runtime in minutes for UPS system with two classic battery cabinets												
2 x GVSCBC7A	25.5	21.5	18.5	20.0	16.5	14.0	13.0	10.5	9.0	9.0	7.2	5.8
2 x GVSCBC7B	39.0	33.0	28.5	30.5	26.0	22.0	20.5	17.0	14.5	14.5	12.0	10.0
2 x GVSCBC7C	NA ²	NA ²	NA ²	38.0	32.5	28.5	26.0	22.5	19.5	NA ²	NA ²	NA ²
2 x GVSCBC10A2	68.0	58.5	51.5	54.0	47.0	41.0	38.0	32.5	28.5	28.5	24.5	21.0
2 x GVSCBC10B2	100	91.0	80.0	84.0	73.0	64.0	59.5	51.0	45.0	45.0	38.5	33.5

1. Not available as this solution provides less than 5 minutes runtime.
2. Not available as this solution consists of 36 battery blocks, the UPS minimum requirement is 40 battery blocks.

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UPS rating	120 kW			150 kW		
Power factor	0.8	0.9	1	0.8	0.9	1
Runtime in minutes for UPS system with one classic battery cabinet						
GVSCBC10A2	8.4	7.0	5.8	5.8	NA ³	NA ³
GVSCBC10B2	13.0	11.0	9.1	9.1	7.4	5.9
Runtime in minutes for UPS system with two classic battery cabinets						
2 x GVSCBC10A2	22.5	19.0	16.5	16.5	14.0	12.0
2 x GVSCBC10B2	35.5	30.5	26.0	26.0	22.5	19.0

3. Not available as this solution provides less than 5 minutes runtime.