

SG 1-3kVA TOWER EXTENDED BATTERY BANK SELECTION GUIDE

FOR 800VA-1KVA MODELS

BATTERY OPTION MODELS W/O Charger	SGB2S7-1K3	SGB4S7-1K3	SGB5S7-1K3	SGB10S7-1K6	SGB10S7-1K6
BATTERIES	6 Pieces 12V, 7AH	12 Pieces 12V, 7AH	15 Pieces 12V, 7AH	30 Pieces 12V, 7AH	60 Pieces 12V, 7AH
BATTERIES IN UPS	3 each of 12V, 7AH				
# of CASES Inches (mm)	1 Mini-Tower 13.8 x 7.6 x 18.9 (350 x 193 x 480)	1 Mini-Tower 13.8 x 7.6 x 18.9 (350 x 193 x 480)	1 Mini-Tower 13.8 x 7.6 x 18.9 (350 x 193 x 480)	1 Floor Standing 32.1 x 10.2 x 21.8 (814 x 259 x 554)	1 Floor Standing 32.1 x 10.2 x 21.8 (814 x 259 x 554)
RUN TIME @ 100W	215 Min.	390 Min.	480 Min.	960 Min.	2000 Min.
RUN TIME @ 200W	107 Min.	210 Min.	255 Min.	520 Min.	1070 Min.
RUN TIME @ 400W	49Min.	96 Min.	120 Min.	255 Min.	550 Min.
RUN TIME @ 700W	23Min.	50 Min.	80 Min.	140 Min.	260 Min.
CHARGER OPTION INFORMATION					
BATTERY OPTION MODELS With 120Vac Charger	SGB2S7-1K3-1	SGB4S7-1K3-1	SGB5S7-1K3-1	SGB10S7-1K6-1	SGB10S7-1K6-1
BATTERY OPTION MODELS With 200-240Vac Charger	SGB2S7-1K3-2	SGB4S7-1K3-2	SGB5S7-1K3-2	SGB10S7-1K6-2	SGB10S7-1K6-1
CHARGER OUTPUT	41.1Vdc @ 4.5A	41.1Vdc @ 4.5A	41.1Vdc @ 4.5A	41.1Vdc @ 4.5A	41.1Vdc @ 4.5A
# OF CHARGERS	1	1	1	2	4

FOR 1.5KVA-2KVA MODELS

BATTERY OPTION MODELS W/O Charger	SGB2S7-2K3	SGB2S7-2K3	SGB5S7-2K6	SGB2S7-2K3	SGB5S7-2K6	SGB5S7-2K6
BATTERIES	12 Pieces of 12V, 7AH	24 Pieces of 12V, 7AH	30 Pieces of 12V, 7AH	36 Pieces of 12V, 7AH	60 Pieces of 12V, 7AH	90 Pieces of 12V, 7AH
BATTERIES IN UPS	6 each of 12V, 7AH					
# of CASES Inches (mm)	1 Mini-Tower 13.8 x 7.6 x 18.9 (350 x 193 x 480)	2 Mini-Towers 13.8 x 7.6 x 18.9 (350 x 193 x 480)	1 Floor Standing 32.1 x 10.2 x 21.8 (814 x 193 x 554)	3 Mini-Towers 13.8 x 7.6 x 18.9 (350 x 193 x 480)	2 Floor Standing 32.1 x 10.2 x 21.8 (814 x 193 x 554)	3 Floor Standing 32.1 x 10.2 x 21.8 (814 x 193 x 554)
RUN TIME @ 300W	170 Min.	310 Min.	390 Min.	470 Min.	760 Min.	1200 Min.
RUN TIME @ 500W	95 Min.	180 Min.	225 Min.	260 Min.	465 Min.	690 Min.
RUN TIME @ 700W	63 Min.	120 Min.	155 Min.	185 Min.	320 Min.	490 Min.
RUN TIME @ 1000W	39 Min.	79 Min.	100 Min.	120 Min.	215 Min.	330 Min.
RUN TIME @ 1400W	24 Min.	51 Min.	64 Min.	80 Min.	140 Min.	225 Min.
CHARGER OPTION INFORMATION						
BATTERY OPTION MODELS With 120Vac Charger	SGB2S7-2K3-1	SGB2S7-2K3-1	SGB5S7-2K6-1	SGB2S7-2K3-1	SGB5S7-2K6-1	SGB5S7-2K6-1
BATTERY OPTION MODELS With 208-240Vac Charger	SGB2S7-2K3-2	SGB2S7-2K3-2	SGB5S7-2K6-2	SGB2S7-2K3-2	SGB5S7-2K6-2	SGB5S7-2K6-2
CHARGER OUTPUT	82.5Vdc @ 4A	82.5Vdc @ 4A	82.5Vdc @ 4A	82.5Vdc @ 4A	82.5Vdc @ 4A	82.5Vdc @ 4A
#. OF CHARGERS	1	1	1	1	2	3

FOR 2.5KVA-3KVA MODELS

BATTERY OPTION MODELS W/O Charger	SGB2S7-3K3	SGB2S7-3K3	SGB5S7-3K6	SGB2S7-3K3	SGB5S7-3K6	SGB5S7-3K6
BATTERIES	16 Pieces 12V,7AH	32 Pieces 12V, 7AH	40 Pieces 12V, 7AH	48 Pieces 12V, 7AH	80 Pieces 12V, 7AH	160 Pieces 12V, 7AH
BATTERIES IN UPS	8 each of 12V, 7AH					
# of CASES H x W x D Inches (mm)	1 Mini-Tower 13.8 x 7.6 x 18.9 (350 x 193 x 480)	2 mini-Towers 13.8 x 7.6 x 18.9 (350 x 193 x 480)	1 Floor Standing 32.1 x 10.2 x 21.8 (814 x 259 x 554)	3 Mini-Towers 13.8 x 7.6 x 18.9 (350 x 193 x 480)	2 Floor Standing 32.1 x 10.2 x 21.8 (814 x 259 x 554)	4 Floor Standing 32.1 x 10.2 x 21.8 (814 x 259 x 554)
RUN TIME @ 500W	135 Min.	260 Min.	310 Min.	380 Min.	640 Min.	1350 Min.
RUN TIME @ 1000W	59 Min.	115 Min.	140 Min.	170 Min.	300 Min.	620 Min.
RUN TIME @ 1500W	33 Min.	68 Min.	84 Min.	105 Min.	190 Min.	400 Min.
RUN TIME @ 2100W	20.5 Min.	43 Min.	57 Min.	69 Min.	125 Min.	270 Min.
CHARGER OPTION INFORMATION						
BATTERY OPTION MODELS With 120Vac Charger	SGB2S7-3K3-1	SGB2S7-3K3-1	SGB5S7-3K6-1	SGB2S7-3K3-1	SGB5S7-3K6-1	SGB5S7-3K6-1
BATTERY OPTION MODELS With 208-240Vac Charger	SGB2S7-3K3-2	SGB2S7-3K3-2	SGB5S7-3K6-2	SGB2S7-3K3-2	SGB5S7-3K6-2	SGB5S7-3K6-2
CHARGER OUTPUT	110Vdc @4.5A	110Vdc @4.5A	110Vdc @4.5A	110Vdc @4.5A	110Vdc @4.5A	110Vdc @4.5A
# OF CHARGERS	1	1	1	1	2	4

NOTE: The backup times stated are for reference only. Backup time may vary due to the type of load, battery age or condition, environmental conditions, etc.