



Solar Battery Sub System

XGS322 24V/100AH IP68 Gel Bat sys 5yrs

A range of 65 Ah to 250 Ah 12/24V, valve regulated lead acid (VRLA) battery with gel electrolyte technology to get long service lifetime and high performance in deep discharging. It can be used in wide range of ambient temperature and keep good performance of constant power input

Product data

General Information	
Remarks	Note: Set of two batteries in series
CE mark	CE mark
Warranty period	5 years
Operating and Electrical	
Input Voltage	24 DC V
Battery type	Gel
Battery ampere hour	100 Ah
Battery voltage	24 V
Battery charging & discharging cycles	800
Cable connection kit	Included
Cable	Cable 2.8 m 4.0 sqmm with KB1 connectors
Temperature	
Ambient temperature range	-20 to +55 °C
Mechanical and Housing	
Overall length	329 mm
Overall width	344 mm

Overall height	273 mm
Dimensions (Height x Width x Depth)	273 x 344 x 329 mm
Approval and Application	
Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]
Application Conditions	
Ambient temperature range for charging	-20 °C to +55 °C °C
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C °C
Product Data	
Full product code	911401810702
Order product name	XGS322 24V/100AH IP68 Gel Bat sys 5yrs
Order code	911401810702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401810702
Full product name	XGS322 24V/100AH IP68 Gel Bat sys 5yrs

Dimensional drawing



Model	W	H	D	Weight	Power	Capacity	Efficiency	Temp. range	Life span
SB-1000	1000	100	100	1000g	100W	100Ah	100%	-20~50°C	10 years
SB-2000	2000	200	200	2000g	200W	200Ah	100%	-20~50°C	10 years
SB-3000	3000	300	300	3000g	300W	300Ah	100%	-20~50°C	10 years
SB-4000	4000	400	400	4000g	400W	400Ah	100%	-20~50°C	10 years
SB-5000	5000	500	500	5000g	500W	500Ah	100%	-20~50°C	10 years
SB-6000	6000	600	600	6000g	600W	600Ah	100%	-20~50°C	10 years
SB-7000	7000	700	700	7000g	700W	700Ah	100%	-20~50°C	10 years
SB-8000	8000	800	800	8000g	800W	800Ah	100%	-20~50°C	10 years
SB-9000	9000	900	900	9000g	900W	900Ah	100%	-20~50°C	10 years
SB-10000	10000	1000	1000	10000g	1000W	1000Ah	100%	-20~50°C	10 years

