



Solar Battery Sub System

XGS322 24V/250Ah IP68 gel battery subsys

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	3 years
Operating and Electrical	
Input Voltage	24 DC V
Battery type	Gel
Battery ampere hour	250 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	520 mm
Overall width	538 mm

Overall height	220 mm
Dimensions (Height x Width x Depth)	220 x 538 x 520 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
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C
Product Data	
Order product name	XGS322 24V/250Ah IP68 gel battery subsys
Full product name	XGS322 24V/250Ah IP68 gel battery subsys
Full product code	911401899601
Order code	911401899601
Material Nr. (12NC)	911401899601
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



Model	Length	Width	Height	Weight	Power	Capacity	Efficiency	Life	Temp	Notes
SB-1000	1000	500	150	10kg	100W	100Ah	25%	5y	-20~50°C	
SB-2000	2000	1000	300	20kg	200W	200Ah	25%	5y	-20~50°C	
SB-3000	3000	1500	450	30kg	300W	300Ah	25%	5y	-20~50°C	
SB-4000	4000	2000	600	40kg	400W	400Ah	25%	5y	-20~50°C	
SB-5000	5000	2500	750	50kg	500W	500Ah	25%	5y	-20~50°C	
SB-6000	6000	3000	900	60kg	600W	600Ah	25%	5y	-20~50°C	
SB-7000	7000	3500	1050	70kg	700W	700Ah	25%	5y	-20~50°C	
SB-8000	8000	4000	1200	80kg	800W	800Ah	25%	5y	-20~50°C	
SB-9000	9000	4500	1350	90kg	900W	900Ah	25%	5y	-20~50°C	
SB-10000	10000	5000	1500	100kg	1000W	1000Ah	25%	5y	-20~50°C	

