



Solar Battery Sub System

XGS321 12V/120AH 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	
CE mark	CE mark
Warranty period	5 years
Operating and Electrical	
Input Voltage	12 DC V
Battery type	Gel
Battery ampere hour	120 Ah
Battery voltage	12 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	406 mm
Overall width	174 mm
Overall height	266 mm
Dimensions (Height x Width x Depth)	266 x 174 x 406 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	
Order product name	XGS321 12V/120AH IP68 Gel Bat sys 5yrs
Full product name	XGS321 12V/120AH IP68 Gel Bat sys 5yrs
Full product code	911401809902
Order code	911401809902
Material Nr. (12NC)	911401809902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

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Dimensional drawing



Model	Capacity (Ah)	Weight (kg)	Dimensions (mm)	Operating Temperature (°C)	Self-discharge (%)	Life Cycle (cycles)	Warranty (years)
SB-1000	1000	15.0	180x180x100	-20 to 55	5.0	1000	5
SB-2000	2000	30.0	360x180x100	-20 to 55	5.0	1000	5
SB-3000	3000	45.0	540x180x100	-20 to 55	5.0	1000	5
SB-4000	4000	60.0	720x180x100	-20 to 55	5.0	1000	5
SB-5000	5000	75.0	900x180x100	-20 to 55	5.0	1000	5
SB-6000	6000	90.0	1080x180x100	-20 to 55	5.0	1000	5
SB-7000	7000	105.0	1260x180x100	-20 to 55	5.0	1000	5
SB-8000	8000	120.0	1440x180x100	-20 to 55	5.0	1000	5
SB-9000	9000	135.0	1620x180x100	-20 to 55	5.0	1000	5
SB-10000	10000	150.0	1800x180x100	-20 to 55	5.0	1000	5

