



Solar Battery Sub System

XGS321 12V/150AH 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	150 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	480 mm
Overall width	170 mm
Overall height	300 mm
Dimensions (Height x Width x Depth)	300 x 170 x 480 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	XGS321 12V/150AH IP68 Gel Bat sys 5yrs
Full product name	XGS321 12V/150AH IP68 Gel Bat sys 5yrs
Full product code	911401810002
Order code	911401810002
Material Nr. (12NC)	911401810002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

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Dimensional drawing



Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Capacity (Ah)	Operating Voltage (V)	Max. Discharge Current (A)	Max. Charge Current (A)	Max. Operating Temperature (°C)	Max. Storage Temperature (°C)	Max. Humidity (%)	Max. Vibration (g)	Max. Shock (g)	Max. Altitude (m)	Max. Lifetime (years)
SB-1000	1000	100	100	1.0	100	12.8	10	5	40	-20	85	0.5	1.0	1000	10
SB-2000	2000	100	100	2.0	200	12.8	20	10	40	-20	85	0.5	1.0	1000	10
SB-3000	3000	100	100	3.0	300	12.8	30	15	40	-20	85	0.5	1.0	1000	10
SB-4000	4000	100	100	4.0	400	12.8	40	20	40	-20	85	0.5	1.0	1000	10
SB-5000	5000	100	100	5.0	500	12.8	50	25	40	-20	85	0.5	1.0	1000	10
SB-6000	6000	100	100	6.0	600	12.8	60	30	40	-20	85	0.5	1.0	1000	10
SB-7000	7000	100	100	7.0	700	12.8	70	35	40	-20	85	0.5	1.0	1000	10
SB-8000	8000	100	100	8.0	800	12.8	80	40	40	-20	85	0.5	1.0	1000	10
SB-9000	9000	100	100	9.0	900	12.8	90	45	40	-20	85	0.5	1.0	1000	10
SB-10000	10000	100	100	10.0	1000	12.8	100	50	40	-20	85	0.5	1.0	1000	10

