



Solar Battery Sub System

XGS321 12V/120Ah 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	
CE mark	CE mark
Warranty period	3 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 KBI 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
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C
Product Data	
Order product name	XGS321 12V/120Ah IP68 gel battery subsys
Full product name	XGS321 12V/120Ah IP68 gel battery subsys
Full product code	911401898101
Order code	01898101
Material Nr. (12NC)	911401898101
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)	Voltage (V)	Power (W)	Efficiency (%)	Life (cycles)	Operating Temp. (°C)	Storage Temp. (°C)
SB-1000	1000	100	100	1.0	100	12	1200	95	1000	-20 to 50	-30 to 60
SB-2000	2000	100	100	2.0	200	12	2400	95	1000	-20 to 50	-30 to 60
SB-3000	3000	100	100	3.0	300	12	3600	95	1000	-20 to 50	-30 to 60
SB-4000	4000	100	100	4.0	400	12	4800	95	1000	-20 to 50	-30 to 60
SB-5000	5000	100	100	5.0	500	12	6000	95	1000	-20 to 50	-30 to 60
SB-6000	6000	100	100	6.0	600	12	7200	95	1000	-20 to 50	-30 to 60
SB-7000	7000	100	100	7.0	700	12	8400	95	1000	-20 to 50	-30 to 60
SB-8000	8000	100	100	8.0	800	12	9600	95	1000	-20 to 50	-30 to 60
SB-9000	9000	100	100	9.0	900	12	10800	95	1000	-20 to 50	-30 to 60
SB-10000	10000	100	100	10.0	1000	12	12000	95	1000	-20 to 50	-30 to 60

