



Solar Battery Sub System

XGS321 12V/100Ah 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	100 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	329 mm
Overall width	172 mm
Overall height	273 mm
Dimensions (Height x Width x Depth)	273 x 172 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
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C
Product Data	
Order product name	XGS321 12V/100Ah IP68 gel battery subsys
Full product name	XGS321 12V/100Ah IP68 gel battery subsys
Full product code	911401898001
Order code	911401898001
Material Nr. (12NC)	911401898001
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-100	100	15	150x100x50	-20 to 50	5	1000	5
SB-200	200	30	300x100x50	-20 to 50	5	1000	5
SB-300	300	45	450x100x50	-20 to 50	5	1000	5
SB-400	400	60	600x100x50	-20 to 50	5	1000	5
SB-500	500	75	750x100x50	-20 to 50	5	1000	5
SB-600	600	90	900x100x50	-20 to 50	5	1000	5
SB-700	700	105	1050x100x50	-20 to 50	5	1000	5
SB-800	800	120	1200x100x50	-20 to 50	5	1000	5
SB-900	900	135	1350x100x50	-20 to 50	5	1000	5
SB-1000	1000	150	1500x100x50	-20 to 50	5	1000	5

