



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	Power (W)	Voltage (V)	Capacity (Ah)	Weight (kg)	Dimensions (mm)	Operating Temp. (°C)	Storage Temp. (°C)	Life Cycle (cycles)	Warranty (years)
SB-1000	1000	12	100	15	150x100x50	-20 to 50	-30 to 60	1000	5
SB-2000	2000	24	200	30	300x200x100	-20 to 50	-30 to 60	1000	5
SB-3000	3000	36	300	45	450x300x150	-20 to 50	-30 to 60	1000	5
SB-4000	4000	48	400	60	600x400x200	-20 to 50	-30 to 60	1000	5
SB-5000	5000	60	500	75	750x500x250	-20 to 50	-30 to 60	1000	5
SB-6000	6000	72	600	90	900x600x300	-20 to 50	-30 to 60	1000	5
SB-7000	7000	84	700	105	1050x700x350	-20 to 50	-30 to 60	1000	5
SB-8000	8000	96	800	120	1200x800x400	-20 to 50	-30 to 60	1000	5
SB-9000	9000	108	900	135	1350x900x450	-20 to 50	-30 to 60	1000	5
SB-10000	10000	120	1000	150	1500x1000x500	-20 to 50	-30 to 60	1000	5

