



Solar Battery Sub System

XGS322 24V/180Ah 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	Overall height	218 mm
CE mark	CE mark	Dimensions (Height x Width x Depth)	218 x 476 x 522 mm
Warranty period	3 years	Approval and Application	
Operating and Electrical		Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]
Input Voltage	24 DC V	Application Conditions	
Battery type	Gel	Ambient temperature range for charging	-20 °C to +55 °C
Battery ampere hour	180 Ah	Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C
Battery voltage	24 V	Product Data	
Battery charging & discharging cycles	800	Order product name	XGS322 24V/180Ah IP68 gel battery subsys
Cable connection kit	Included	Full product name	XGS322 24V/180Ah IP68 gel battery subsys
Cable	Cable 2.8 m 4.0 sqmm with KB1 connectors	Full product code	911401899301
Temperature		Order code	911401899301
Ambient temperature range	-20 to +55 °C	Material Nr. (12NC)	911401899301
Mechanical and Housing		Numerator - Quantity Per Pack	1
Overall length	522 mm	Numerator - Packs per outer box	1
Overall width	476 mm		

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

