



Solar Battery Sub System

XGS322 24V/80Ah 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	80 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	329 mm
Overall width	344 mm

Overall height	273 mm
Dimensions (Height x Width x Depth)	273 x 344 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	XGS322 24V/80Ah IP68 gel battery subsys
Full product name	XGS322 24V/80Ah IP68 gel battery subsys
Full product code	911401898901
Order code	01898901
Material Nr. (12NC)	911401898901
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Power (W)	Voltage (V)	Capacity (Ah)	Efficiency (%)	Operating Temp. (°C)	Storage Temp. (°C)	Life Cycle (years)
SB-1000	1000	100	50	1.5	1000	12	83.3	18.5	-20 to 60	-30 to 70	10
SB-2000	2000	100	50	3.0	2000	12	166.7	18.5	-20 to 60	-30 to 70	10
SB-3000	3000	100	50	4.5	3000	12	250.0	18.5	-20 to 60	-30 to 70	10
SB-4000	4000	100	50	6.0	4000	12	333.3	18.5	-20 to 60	-30 to 70	10
SB-5000	5000	100	50	7.5	5000	12	416.7	18.5	-20 to 60	-30 to 70	10
SB-6000	6000	100	50	9.0	6000	12	500.0	18.5	-20 to 60	-30 to 70	10
SB-7000	7000	100	50	10.5	7000	12	583.3	18.5	-20 to 60	-30 to 70	10
SB-8000	8000	100	50	12.0	8000	12	666.7	18.5	-20 to 60	-30 to 70	10
SB-9000	9000	100	50	13.5	9000	12	750.0	18.5	-20 to 60	-30 to 70	10
SB-10000	10000	100	50	15.0	10000	12	833.3	18.5	-20 to 60	-30 to 70	10

