



Solar Battery Sub System

XGS321 12V/250AH IP68 Gel Bat sys 3yrs

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
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	12 DC V
Battery type	Gel
Battery ampere hour	250 Ah
Battery voltage	12 V
Battery charging & discharging cycles	750
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	269 mm
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Overall height	220 mm
Dimensions (Height x Width x Depth)	220 x 269 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	-20 °C to +55 °C
discharging (when light is on)	
Product Data	
Order product name	XGS321 12V/250AH IP68 Gel Bat sys 3yrs
Full product name	XGS321 12V/250AH IP68 Gel Bat sys 3yrs
Full product code	872016952144500
Order code	911401819502
Material Nr. (12NC)	911401819502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169521445
Numerator - Packs per outer box	1

Datasheet, 2024, January 23 data subject to change

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EAN/UPC - Case

8720169521445

Dimensional drawing

12V Gel Battery Subsyster



Description	Battery Size (cm) LxWxH
XGS321 12V/65Ah IP68 gel battery subsys	35x16.6x23.5
XGS321 12V/80Ah IP68 gel battery subsys	32.9x17.2x27.3
XGS321 12V/100Ah IP68 gel battery subsys	32.9x17.2x27.3
XGS321 12V/120Ah IPG8 gel battery subsys	40.6x17.4x26.6
XGS321 12V/15OAh IPGB gel battery subsys	48x17x30
XGS321 12V/180Ah IP68 gel battery subsys	52.2x23.8x21.8
XGS321 12V/200Ah IP68 gel battery subsys	52.2x23.8x21.8
XGS321 12V/220Ah IPGB gel battery subsys	52.2x23.8x21.8
XSS321 12V/250Ah IBKR eel hattery suboys	52)/26/9/22

24V Gel Battery Subsystem



Description	Battery Size (cm) LxWxH	
122 12V/65AH IP68 Gel Bat 5yrs For24	35x16.6x23.5	
322 12V/80AH IP68 Gel Bat Syrs For24	32.9x17.2x27.3	
322 12V/100AH IP68 Gel Bat Syrs For24	32.9x17.2x27.3	
322 12V/120AH IP68 Gel Bat 5yrs For24	40.6x17.4x26.6	
322 12V/150AH IP68 Gel Bat Syrs For24	48x17x30	
322 12V/180AH IP68 Gel Bat 5yrs For24	52.2x23.8x21.8	
322 12V/200AH IP68 Gel Bat 5yrs For24	52.2x23.8x21.8	
322 12V/220AH IP68 Gel Bat 5yrs For24	52.2x23.8x21.8	



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