



Solar Battery Sub System

XGS322 12V/180AH IP68 Gel Bat 3yrs For24

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
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	24 DC V
Battery type	Gel
Battery ampere hour	180 Ah
Battery voltage	24 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	522 mm

Overall width	476 mm
Overall height	218 mm
Dimensions (Height x Width x Depth)	218 x 476 x 522 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 °C
Ambient temperature range for	-20 °C to +55 °C °C
discharging (when light is on)	
Product Data	
Full product code	911401820102
Order product name	XGS322 12V/180AH IP68 Gel Bat 3yrs For24
Order code	911401820102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401820102
Full product name	XGS322 12V/180AH IP68 Gel Bat 3yrs For24

Datasheet, 2023, April 15 data subject to change

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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 IP68 gel battery subsys	40.6x17.4x26.6
XGS321 12V/150Ah IP68 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 IP68 gel battery subsys	52.2)23.8)21.8
XGS321 12V/250Ah IP68 gel battery subsys	52)26,9)22

MV Gel Battery Subsysten



Description	Battery Size (cm) LxWxH
322 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 Syrs For24	52.2x23.8x21.8
322 12V/220AH IP68 Gel Bat 5yrs For24	52.2x23.8x21.8



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