



# Solar Battery Sub System

## XGS321 12V/120AH IP68 Gel Bat sys 5yrs

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	5 years
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	12 DC V
Battery type	Gel
Battery ampere hour	120 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	406 mm
Overall width	174 mm

Overall height	266 mm
Dimensions (Height x Width x Depth)	266 x 174 x 406 mm

### Approval and Application

Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]
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### 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

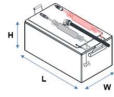
### Product Data

Full product code	911401817202
Order product name	XGS321 12V/120AH IP68 Gel Bat sys 5yrs
Order code	911401817202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401817202
Full product name	XGS321 12V/120AH IP68 Gel Bat sys 5yrs

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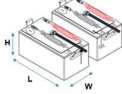
## Dimensional drawing

12V Gel Battery Subsystem



Description	Battery Size (cm) LxWxH
MSB32 12V/105Ah IP68 gel battery subsystem	35x16,6x21,5
MSB32 12V/105Ah IP68 gel battery subsystem	32,5x17,2x21,3
MSB32 12V/120Ah IP68 gel battery subsystem	32,5x17,2x21,3
MSB32 12V/120Ah IP68 gel battery subsystem	40,5x17,4x20,6
MSB32 12V/150Ah IP68 gel battery subsystem	40,5x17,4x20,6
MSB32 12V/180Ah IP68 gel battery subsystem	52,2x20,3x21,8
MSB32 12V/200Ah IP68 gel battery subsystem	52,2x20,3x21,8
MSB32 12V/220Ah IP68 gel battery subsystem	52,2x20,3x21,8
MSB32 12V/250Ah IP68 gel battery subsystem	52,2x20,3x21,8

24V Gel Battery Subsystem



Description	Battery Size (cm) LxWxH
MSB32 24V/105Ah IP68 Gel Bat. Sys. 1x2x2	35x16,6x21,5
MSB32 24V/105Ah IP68 Gel Bat. Sys. 1x2x2	32,5x17,2x21,3
MSB32 24V/120Ah IP68 Gel Bat. Sys. 1x2x2	32,5x17,2x21,3
MSB32 24V/120Ah IP68 Gel Bat. Sys. 1x2x2	40,5x17,4x20,6
MSB32 24V/150Ah IP68 Gel Bat. Sys. 1x2x2	40,5x17,4x20,6
MSB32 24V/180Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x21,8
MSB32 24V/200Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x21,8
MSB32 24V/220Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x21,8
MSB32 24V/250Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x21,8

