



# 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]

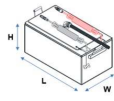
Application Conditions	
Ambient temperature range for charging	-20 °C to +55 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C

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

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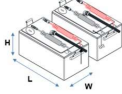
## Dimensional drawing

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	52,2x20,3x17,8
MSB32 12V/200Ah IP68 gel battery subsystem	52,2x20,3x17,8
MSB32 12V/220Ah IP68 gel battery subsystem	52,2x20,3x17,8
MSB32 12V/250Ah IP68 gel battery subsystem	52,2x20,3x17,8

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	52,2x20,3x17,8
MSB32 24V/200Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x17,8
MSB32 24V/220Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x17,8
MSB32 24V/250Ah IP68 Gel Bat. Sys. 1x2x2	52,2x20,3x17,8

