



# Solar Battery Sub System

## XGS322 12V/250AH IP68 Gel Bat 5yrs 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     | 5 years                              |
| EU RoHS compliant   | Yes                                  |

| Operating and Electrical              |  |
|---------------------------------------|--|
| Input Voltage                         | 24 DC V                                  |
| Battery type                          | Gel                                      |
| Battery ampere hour                   | 250 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         | 520 mm |

|                                     |                    |
|-------------------------------------|--------------------|
| Overall width                       | 538 mm             |
| Overall height                      | 220 mm             |
| Dimensions (Height x Width x Depth) | 220 x 538 x 520 mm |

| Approval and Application |  |
|--------------------------|--|
| Ingress protection code  | IP68 [Dust penetration-protected, pressure watertight] |

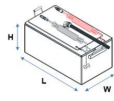
| Application Conditions                                       |                  |
|--|------------------|
| Ambient temperature range for charging                       | -20 °C to +55 °C |
| Ambient temperature range for discharging (when light is on) | -20 °C to +55 °C |

| Product Data                    |  |
|---------------------------------|--|
| Full product code               | 911401818602                             |
| Order product name              | XGS322 12V/250AH IP68 Gel Bat 5yrs For24 |
| Order code                      | 911401818602                             |
| Numerator - Quantity Per Pack   | 1  |
| Numerator - Packs per outer box | 1  |
| Material Nr. (12NC)             | 911401818602                             |
| Full product name               | XGS322 12V/250AH IP68 Gel Bat 5yrs For24 |

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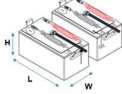
## Dimensional drawing

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          |

