



# Solar Battery Sub System

# XGS321 12V/65AH 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	65 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 ℃
Mechanical and Housing	
Overall length	350 mm
Overall width	166 mm

Overall height	235 mm
Dimensions (Height x Width x Depth)	235 x 166 x 350 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 discharging	-20 °C to +55 °C °C
(when light is on)	
Product Data	
Full product code	911401816902
Order product name	XGS32112V/65AH IP68 Gel Bat sys 5yrs
Order code	911401816902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401816902
Full product name	XGS32112V/65AH IP68 Gel Bat sys 5yrs

Datasheet, 2023, September 4 data subject to change

# **Solar Battery Sub System**

## Dimensional drawing

#### 12V Gel Battery Subsyste



Description	(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/150Ah IPG8 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 IPG8 gel battery subsys	52.2x23.8x21.8
XGS321 12V/250Ah IP68 gel battery subsys	52)26,9)22

#### V Gel Battery Subsystem



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 Syrs For 24	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



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