

**invt**

# GRP5.12-WLV

## Low Voltage Battery

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Powered by Solar

## KEY FEATURES

- Easy installation, plug and play design
- Flexible capacity, Max.15pcs in parallel to extend capacity
- Safe & reliable, Lithium Iron Phosphate (LFP) Cell
- LED Display, SOC, Battery state

### GRP5.12-WLV

#### Battery Parameter

Battery Cell	LiFePO <sub>4</sub>
Battery Energy	5120Wh
Nominal Capacity	100Ah
Depth of Discharge	80%
Nominal Voltage	51.2V
Voltage Range	43.2Vdc ~ 56.16Vdc
Nominal Charge / Discharge Current	50A
Max. Charge/Discharge Current	100A
Dimension (W x H x D)	520 x 470 x 141.5 mm
Weight	47.2kg
Installation	Wall-mounted / Floor-standing
Temperature of Charge	0 ~ 55°C
Temperature of Discharge	-20°C ~ +60°C
Protection Degree	IP65
Parallel Units	Up to 15
Communication Port	RS485, CAN
Display	LED
Operation Humidity	5% ~ 95%
Max. Operating Altitude	2000m
Cycle Life	6000@80% DOD, 25°C , 0.5C
Certification	CE, IEC, UN38.3, MSDS