

invt

GRP6.14-WLV

Low Voltage Battery



Powered by Solar

KEY FEATURES

- BYD automotive grade, A- class LiFePO4 blade battery with superior security features.
- Built-in smart BMS powered-by BYD, keeps your battery health.
- Expandable battery design. Up to 6 parallel connections.
- Excellent temperature performance, Temperature of charge @ -20°C ~ +55°C, temperature of discharge @ -30°C ~ +60°C.

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Battery Parameter

Battery Cell	BYD Blade Lithium-iron Phosphate (LiFePO4)
Battery Energy	6144Wh
Nominal Capacity	120Ah
Depth of Discharge	80%
Nominal Voltage	51.2V
Voltage Range	43.2Vdc ~ 57.6Vdc
Nominal Charge / Discharge Current	60A
Max. Charge / Discharge Current	120A
Dimension (W x H x D)	1112 x 443 x 118 mm
Weight	46kg
Installation	Wall-mounted
Temperature of Charge	-20°C ~ +55°C
Temperature of Discharge	-30°C ~ +60°C
Protection Degree	IP21
Parallel Units	Up to 6
Communication Port	RS485, CAN
Display	LED
Operation Humidity	5% ~ 95%
Max. Operating Altitude	2000m
Design Life	>10 years (25°C)
Certification	CE, IEC, UN38.3, MSDS