



FBP Series 25.6V / 51.2V Residential Battery Module

FBP Series 25.6V314AH / 51.2V314AH

Key Features:



- Long lifespan: 10+ years life design.
- Cycle-index: 8000 cycles.
- Unique, Elegant and Powerful.
- Smart BMS system to optimize the performance.
- Communication: RS232 / RS485 / CAN / Wifi / Bluetooth / Dry contact, Compatible with different brand of solar inverter and chargers (optional).
- 360 degree protection: such as SOC/SOH/ Anti-theft function etc.
- High discharge rate currents, suitable for on-grid or off-grid solar system and other loads.
- With front display panel for easy access to status of the batteries.

Technical Specification:

Model	FBP25-314	FBP51-314
Specifications		
Battery Type	LiFePO4	
Battery Model	25.6V314Ah	51.2V314Ah
Nominal Capacity(25°C, 0. 2C)WH	8.04KWh	16.08KWh
Adjustable Working Voltage(VDC)	20.8V - 29.2Vdc	41.6V - 58.4Vdc
Max.Continuous Discharge Current(A)	200A	
Max. Pulse Discharge Current(A)	300A (1 sec) configurable	
Max.Continuous Charge Current(A)	200A	
Designed Lifespan	10+ years life design	
Cell Equalizer Current(A)	≥70mA	
Terminal	M8	
Storage Duration	6 months at 25°C	
Safety Standard	IEC62619, UN38.3, MSDS	
Maximun Parallel Connection	16 pcs	
Ingress Protection	IP21	
Communication Function	RS232 / RS485 / CAN (Standard); Wifi / Bluetooth / Dry contact (Optional)	
Communicate with Mainstream Inverter	PYLON / Growatt / Voltronic / GoodWe / Luxpowertek / Sorotec / GINL ONG / Schneider / SMA / Senergy / MUST / TBB / STUDER / WOW / Deye / SVC Energy etc.	
Protection		
Protection	Overcharge Protection / Overdischarge Protection / Overcurrent Protection / Shortcircuit Protection / Overtemperature Protection	
Ambient		
Noise(dB)	<40dB(1 Meter)	
Working Temperature	-20°C ~ +55°C (According to above charge and discharge specifications)	
Humidity	0~95% (No condensation)	
Altitude(m)	<3000	
Dimension		
L*W*H(product size)mm	450*330*750	500*361*873
L*W*H(package size)mm	600*370*900	662*402*1027
Net Weight(Kg):	62.8	124.2
Gross Weight(Kg):	83.4	156.6
*Due to different communication protocol versions, it is necessary to confirm clearly before shipment		
*Product Specifications are Subject to Change Without Notice.		