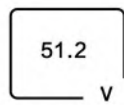
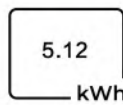


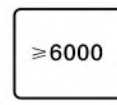
LiFePO4 Cells



High Voltage



Battery Capacity



Battery Cycles



Warranty

RAJA FD5000A

Low Voltage Stackable Battery Modular 5kWh



Modular

Saving Space
Battery Modules
Control Box Module
Rack Base Module



Effortless Mounting

Stackable Connection
Cable-free
LCD screen Display
AC loads Connection



Expandable

9kWh-18kWh
Support 3phase use
Greater Flexibility
Stack and connects



Easy Monitoring

APP View
Battery Status
Charging State
Discharging State



Multi-Protection

Match major inverter brands
Overcharge Protection
Over-discharge Protection
Over-current/heat protection



Single Module Characteristics

| | |
|---------------------------|---------------------------------------|
| Rated Capacity | 100Ah |
| Rated Energy | 5.12kWh |
| Nominal Voltage | 51.2V |
| Charge Cut-off Voltage | 58.4V |
| Discharge Cut-off Voltage | 40V |
| Rated Charge Current | 50A |
| Rated Discharge Current | 100A |
| Capacitor Pre-charging | 100000uF |
| Communication | CAN/485 |
| Connection Type | 3 modules |
| Dimension | 590*399*186.6mm |
| Weight | 53kg |
| Protection Level | IP65 |
| Working Temperature | Charge: 0-45°C Discharge: -20-60°C |
| Storage Temperature | 10-35°C |

Low Voltage Stackable Module



| Low Voltage Stackable Battery Modular | | | FD5000A |
|---------------------------------------|---|---------------|---------------|
| NOS of Modules | 1 | 2 | 3 |
| Battery Energy | 5kWh | 10kWh | 15kWh |
| Battery Capacity | 100Ah | 200Ah | 300Ah |
| Rated Voltage | 51.2V | | |
| Working Voltage | 40~58V | | |
| NOS of Cells | 1P16S | 2P16S | 3P16S |
| Battery type | LFP | | |
| Cycle Life | > 6000 | | |
| Rated Charge Current | 50A | 100A | 100A |
| Rated Discharge Current | 100A | 200A | 200A |
| Display | LCD | | |
| Communication | CAN/RS485 | | |
| Working Temperature | Charge: 0~45℃ Discharge: -20~60℃ | | |
| Storage Temperature | 10~35℃ | | |
| Relative Humidity | 0~95% | | |
| Highest Altitude | 2000 | | |
| Dimension | 590*400*300mm | 590*400*490mm | 590*400*680mm |
| Weight | 60kg | 110kg | 160kg |
| Protection Level | IP65 | | |
| Mounting | Stacking on the ground | | |
| Standards & Certification | UN38.3/MSDS EN: ICE62619/ICE62040/IEC60730 | | |