

# Energy Storage System Rack Mounted Series

LFP 5000/5000A/2500/2600HV

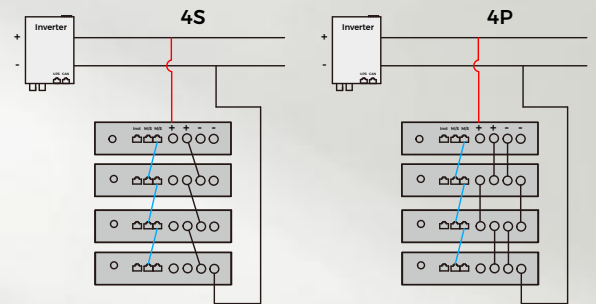
Join Us

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>6000  
Cycle Life@25°C

**Automatic Wake-up Function**  
Under off-grid System Environment

**Smart BMS**  
Self-developed BMS

**Remote Monitoring**  
Self-developed APP

**Multiple Safety Protection**  
Relay, Fuse, DC Breaker

**New&Old Batteries can be used in together**  
Connect in Parallel

**Parallel& Series**  
Assembly freely in series or parallel Up to 8S8P(16S8P)

**Voltage Balancing**  
Voltage balancing between battery cells&battery pack



LFP 2600/HV 2U/500\*442\*88mm



LFP 2500 2U/500\*442\*88mm


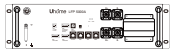




LFP 5000A 3U/500\*442\*133mm



LFP 5000 2U/500\*442\*133mm

## Technical Specifications

|                                   |  |  |  |  |
|-----------------------------------|---|---|---|---|
| Model                             | LFP 5000  | LFP 5000A   | LFP 2500  | LFP 2600/HV   |
| Total Energy*                     | 5.1kWh  | 5.1kWh  | 2.5kWh  | 2.56kWh   |
| Usable Energy(DC)*                | 4.6kWh  | 4.6kWh  | 2.3kWh  | 2.2kWh  |
| Nominal Dis-/Charge Power         | 3.0kW   | 3.0kW   | 1.5kW   | 1.5kW   |
| Peak Power(Only Discharge)        | 6kW for 3s  | 6kW for 3s  | 3kW for 3s  | 3kW for 3s  |
| Constant Current(Only Discharge)  | 80A   | 80A   | 40A   | 20A   |
| Voltage                           | 48~56Vd.c   | 48~56Vd.c   | 48~56Vd.c   | 96~112Vd.c  |
| Nominal Voltage                   | 51.2Vd.c  | 51.2Vd.c  | 51.2Vd.c  | 102.4Vd.c   |
| Nominal Current                   | 60A   | 60A   | 30A   | 15A   |
| Max. Charge Voltage               | 57.6Vd.c  | 57.6Vd.c  | 57.6Vd.c  | 115.2Vd.c   |
| Weight                            | 45kg  | 45kg  | 25kg  | 27kg  |
| Dimension(mm)(L*W*H)              | 500*442*133mm   | 500*442*133mm   | 500*442*88mm  | 500*442*88mm  |
| Max.recommended DOD               | 90%   |   |   |   |
| Operating Condition               | Indoor  |   |   |   |
| Operating Temperature             | Charge  | From 0~50 °C  |   |   |
|                                   | Discharge   | From -10~55 C   |   |   |
| WIFI Frequency Range              | 2400MHz~2483MHz   |   |   |   |
| Humidity                          | <60%(No condensed water)  |   |   |   |
| Over Voltage Category             | II  |   |   |   |
| Cooling Type                      | Natural cooling   |   |   |   |
| Case Material                     | Metal   |   |   |   |
| Color                             | Black or White  |   |   |   |
| Installation                      | Wall mounting/Ground Installation   |   |   |   |
| IP rating                         | IP 20   |   |   |   |
| Protective Class                  | I   |   |   |   |
| Max. Connection Number            | 8S/8P   | 16S/16P   | 8S/8P   | 4S  |
| Warranty                          | 10 years  |   |   |   |
| Life Span                         | >15 years   |   |   |   |
| Communication                     | CAN/ RS485  |   |   |   |
| Protection Mode                   | Dual hardware protection  |   |   |   |
| Battery Protection                | Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature           |   |   |   |
| Safety                            | Cell UL 1973  | Cell UL 1973  | Cell TUV  | Cell TUV  |
|                                   | CE/TUV  |   |   |   |
| Hazardous Material Classification | 9   |   |   |   |
| Transportation                    | UN 38.3   |   |   |   |

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from Uhome 0.2C CC-CV