

## Rack-mounted energy storage (Home/Industrial)

Pack modular design, strong universality, convenient installation, simple operation, independent maintenance, high reliability, safety, large space, conducive to ventilation and heat dissipation, is the main component of household power supply, lithium iron phosphate battery has a long life, enough stability, more security and other characteristics.



Safe



Easy Mounting



Independent Maintenance



Good Heat Dissipation



| Model                               | XPA-4850   | XPA-48100     | XPA-48150     | XPA-48200     |
|-------------------------------------|--|---------------|---------------|---------------|
| Standard Voltage                    | 48VDC  |               |               |               |
| Voltage                             | 37.5-54.75VDC  |               |               |               |
| Norminal Capacity                   | 50Ah   | 100Ah         | 150Ah         | 200Ah         |
| Rated Capacity                      | 2.4kWh   | 4.8kWh        | 7.2kWh        | 9.6kWh        |
| Commumication Protocol              | CAN / RS485 / WIFI / 4G / Blue Tooth   |               |               |               |
| Efficiency (at 0.5C)                | 98%  |               |               |               |
| Cell Self-Discharge                 | <5 % / Month   |               |               |               |
| Maximum Allowed Modules in Parallet | 15 (36kWh)   | 15 (72kWh)    | 15 (108kWh)   | 15 (144kWh)   |
| Depth of Discharge                  | Up to 100%   |               |               |               |
| Useful Life                         | 8-10 Years   |               |               |               |
| Cycle Life                          | 6000 (@ 80% DoD)   |               |               |               |
| Protection                          | Over temperature, overcurrent, short circuit, over-charging, over-discharging, Low voltage |               |               |               |
| <b>Charge Specifications</b>        |  |               |               |               |
| Recommended Charge Current          | 25A  | 50A           | 50A           | 50A           |
| Maximum Charge Current              | 50A  | 100A          | 100A          | 100A          |
| Recommended Charge Voltage          | 54V  | 54V           | 54V           | 54V           |
| Maximum Charge Voltage              | 54.75V   | 54.75V        | 54.75V        | 54.75V        |
| <b>Discharge Specifications</b>     |  |               |               |               |
| Recommended Discharge Current       | 25A  | 50A           | 50A           | 50A           |
| Maximum Discharge Current           | 50A  | 100A          | 100A          | 100A          |
| Recommended Low Voltage Disconnect  | 41.25V   |               |               |               |
| Battery Low Voltage Protection      | 39.75V   |               |               |               |
| Battery Recovery Voltage            | 45V  |               |               |               |
| <b>Mechanical Specifications</b>    |  |               |               |               |
| Dimensions:                         | 484*410*120mm  | 484*410*178mm | 484*590*178mm | 484*590*178mm |
| Weight                              | 24.5kgs  | 38.5kgs       | 59kgs         | 70.5kgs       |
| Terminal Type                       | M6   |               |               |               |
| Case Material                       | Industrial Grade Iron  |               |               |               |
| Enclosure Protection                | IP20   |               |               |               |
| Installation                        | Cabinet  |               |               |               |
| Cell Type Chemistry                 | LiFeP04  |               |               |               |
| <b>Compliance Specifications</b>    |  |               |               |               |
| Certifications                      | CE,FCC, CCC  |               |               |               |
| Shipping Classification             | UN 38.3. UN 3480, Class 9  |               |               |               |
| <b>Temperature Specifications</b>   |  |               |               |               |
| Discharge Temperature               | -20~65°C   | -20~65°C      | -20~65°C      | -20~65°C      |
| Charge Temperature                  | 0~55°C   | 0~55°C        | 0~55°C        | 0~55°C        |
| Storage Temperature                 | -20~45°C   | -20~45°C      | -20~45°C      | -20~45°C      |