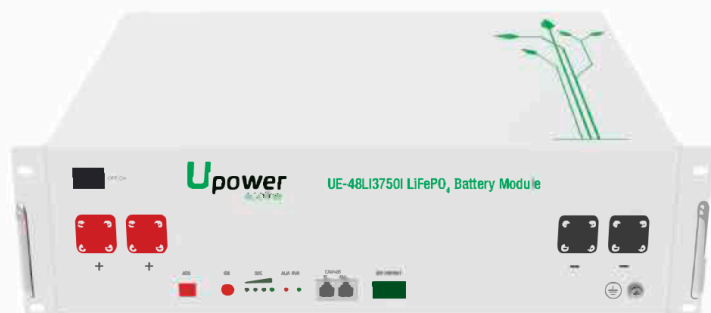


# Serie UE-I 48Li3750I

## ENERGY STORAGE SYSTEM



### Features and benefits

With a 19-inch modular design and an integrated BMS intelligent protection system, 48Li3750I allows flexible expansion and easy installation and maintenance.

It adopts LiFePO<sub>4</sub> technology for maximum safety and cycle time. technology for maximum safety and longer life cycle.



#### High Security LFP

Cell level control and balancing.



#### 19" inches

Easy installation and maintenance.



#### Modular design

Flexible expansion.



#### Wide Compatibility

Compatible with all major inverter brands.

### Specifications

|                                      |   |
|--------------------------------------|---|
| Nominal Power Battery                | 3.6 kWh   |
| Nominal Capacity                     | 75 Ah   |
| Nominal Voltage                      | 48 V  |
| Load Breakdown Voltage               | 54.75V  |
| Discharge Disconnect Voltage         | 42 V  |
| Recommended C Rate                   | 0.5 C   |
| Recommended Charge/Discharge Current | 37.5 A  |
| Max. Power Load/Discharge Current    | 50 A  |
| Peak Power Load/Discharge Current    | 55 A (Protected)  |
| Discharge Depth                      | 90%   |
| Net Weight                           | ≈ 31 kg   |
| Dimensions                           | 480*360*130 mm  |
| Charging Temperature                 | 0°C ~ 55°C  |
| Discharge Temperature                | -20°C ~ 55°C  |
| Communication                        | CAN/RS-485  |
| Service LiFe <sup>[1]</sup>          | ≥ 6000 Cycles   |
| Protection Level                     | IP20  |
| Expansion                            | Up to 40 parallel units   |
| Alarms                               | Overload/Overdischarge/Overcurrent/<br>Overtemperature/Short circuit                        |
| Pros                                 | Can be used in both stand-alone and hybrid installations, compact design, easy to install.  |
| Compatible Inverters                 | MasterPower<br>SMA/Victron/Ingeteam/Delios/Goodwe/<br>Solis/Deye/SAJ/Voltronic/Sungrow etc. |
| Certification and Safety Standard    | UN38.3/CE-EMC/IEC62040/IEC62619/GOST-R<br>/UKCA/CEC Accredited/CEI-021                      |

[1] Test conditions: 0.2C Charge/Discharge, @25°C, 80% DOD

