

# UE-I Series

# 48Li3750I

## ENERGY STORAGE SYSTEM



### Features and Advantages



#### High Safety LFP

Cell level monitoring and balancing.



#### 19" inch

Easy installation & maintenance.



#### Modular Design

Flexible expansion.



#### Wide Compatibility

Matching with leading inverter brands.

### Specifications

Nominal Battery Energy	3.6 kWh
Nominal Capacity	75 Ah
Nominal Voltage	48 V
Charging Cut-off vol.	54 V
Discharging End-off vol.	42 V
Recommended C Rate	0.5 C
Recommended Charge/Discharge Current	37.5 A
Max. Power Charge/Discharge Current	45 A
Peak Power Charge/Discharge Current	55 A (1 s)
Depth of Discharge	90%
Net Weight	≈ 31 kg
Dimension [W*D*H]	480*360*130 mm
Charging Temperature Range	0°C ~ 55°C
Discharging Temperature Range	-20°C ~ 55°C
Communication	CAN/RS-485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life <sup>[1]</sup>	≥ 6000 Cycles
Protection Level	IP20
Expansion	Up to 40 units in parallel
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/ Growatt/Luxpower/Voltronic/Deye/ MasterPower, etc.
Certification & Safety Standard	TUV/CE/EN62619/IEC62040/UN38.3

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

