

UE-I Series

48Li2500i

ENERGY STORAGE SYSTEM



Features and Advantages

-  **High Safety LFP**
Cell level monitoring and balancing.
-  **19" inch**
Easy installation & maintenance.
-  **Wide Temperature Range**
Range of -20°C ~ 50°C.
-  **Expandible**
40 modules in parallel with capacity up to 96 kWh.
-  **Modular Design**
Flexible expansion.
-  **Easy to Install**
Plug and play.

Specifications

Nominal Battery Energy	2.4 kWh
Nominal Capacity	50 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	25 A
Max. Power Charge/Discharge Current	50 A
Peak Power Charge/Discharge Current	55 A (Protect)
Depth of Discharge	90%
Net Weight	22 kg
Dimension [W*D*H]	480*360*90 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 ^[1]	≥ 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/ CEC Accredited/UL 1973/CEI-021

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

