

UE-48Li170T-3U



RACK MOUNTED TYPE BATTERY



SAFETY

- + Long life type prismatic LiFePO4 cells, suitable for energy storage application.
- + Low voltage system, safety for application.
- + Battery certification: UN38.3, MSDS

DESIGN

- + Standard 19" rack design, 3U in height.
- + Flexible and easily installation.
- + -20~+55°C widely temperature range.
- + Maintenance free.
- + MCB-125A,

SCALABILITY

- + Parallel support for more energy.
- + Communication compatible with the major Rectifier (Eltek, Delta, Vertiv).
- + Optional: 4.3" Touch LCD display; Gyroscope anti-theft module; GPS anti-theft module; SNMP.

BATTERY MANAGEMENT SYSTEM

- + OVP, LVP, OCP, OTP, LTP protection.
- + SOC, RUN, ALARM LEDs indicators.
- + Dry contact *2
- + Communication port:
RS232 *1
RS485 *1
CAN *1
Optional: SNMP

UE-48Li170T-3U



SPECIFICATION

Part Number	
Model	UE-48Li170T-3U
Nominal Voltage [V]	48.0
Nominal Capacity [Ah]	170
Total Energy [Wh]	8160
Dimension (W*D*H, mm)	442*570*130.5
Weight [Kg]	58.5
Max. Charging Current [A]	100
Recommended Charging Current [A]	85
Max. Discharging Current [A]	100
Pulse Discharge Current	120A @2S
Charging Voltage [V]	52.5~54.0
End of Discharge Voltage [V]	42.0 (Backup Application) / 45 (Cycle Application)
Internal Resistance [mΩ]	<10
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Standard Product: Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life ⁽¹⁾	>3500
Designed Calendar Life	10 Years
Communication interface	RS232, RS485, CAN
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support	Yes, Max. 15 Sets
Series Support	Not support

Note:

(1) 25°C, 0.5C/0.5C, 100%DOD to 80% of initial capacity.

Dimension

