



4K8T-3U LV 19" - 3U RACK MOUNT



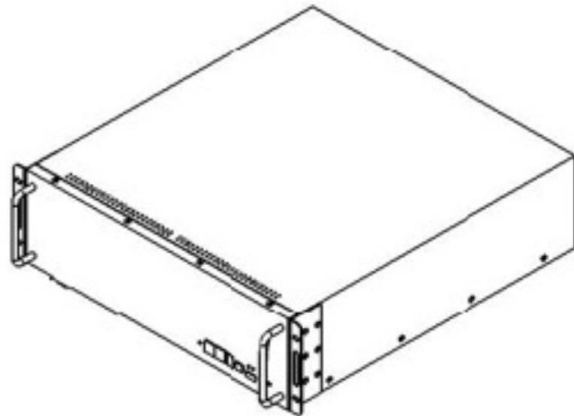
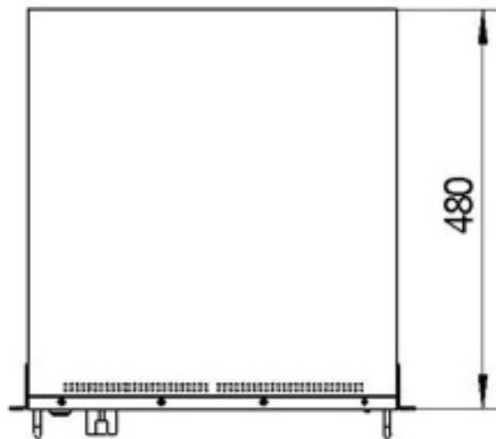
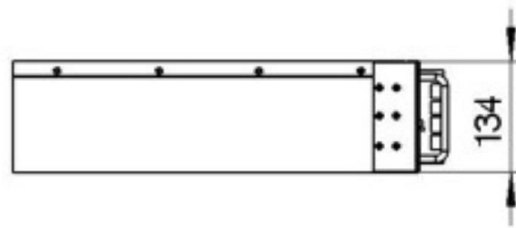
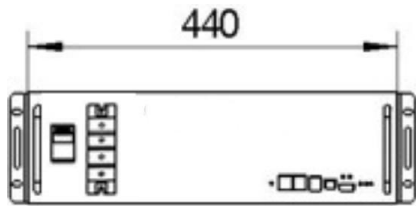
3U Telecom Standard



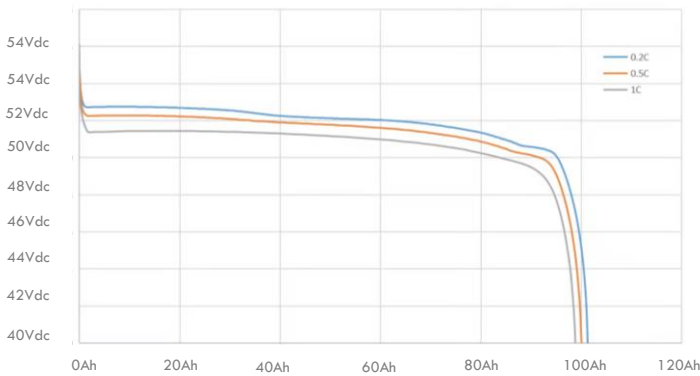
Basic Parameters	4K8-T3U
Battery System Capacity (kWh)	4,8
Units in Parallel	Up to 15 Units (No Series Connection)
Rated Voltage (Vdc)	48
Operating Voltage (Vdc)	40-54.5
Discharge Cut Off Voltage (Vdc)	40
Cell type	LiFePO4
Cycle Life	3,500 (0.5C / 25°C / 80%DOD / 80%SOH)
Standard Charge / Discharge Current	0.2C (25 °C ±5 °C)
Maximum Charge / Discharge Current	100A
Charge Operating Temperature Range	0~ 55 °C
Discharge Operating Temperature Range	-20 °C +65 °C
Net Weight	43 kg (Based on actual configuration weight of the product)
Installation Mode	19" Rack Mount (480mm x 400mm x 134mm)
Chassis Material / Enclosure	Painted Steel Black Ral 9005
Display	SOC 4 x Green LED, RUN Green LED, ALARM Red LED
Communication Interface	RS232/RS485 Communication Port (RJ45/RJ11) 6-Bit Binary Dial Switch
Communication Protocol	RS 485
Warranty	3 years Manufacturing Defect / 7 years performance Warranty
Operational expectation up to:	10 years
BMS And Protection	Dynamic Equalizer, MOS for Over and Under Protections Anti-theft (Optional), Gyroscope (Optional)
Standards	IEC 626219, IEC 61219, EC + EMC 61000 Series, UN 38.3
IP Grade	IP30
Humidity	5~ 95% (No Condensation)
Altitude	< 3,600m
Storage	Temp. Range -20 °C +50 °C (Humidity Under 85%) Every 3-Months Charge at 0.33C to 0.5C for 30-60mins Maintain SOC between 20% -60%



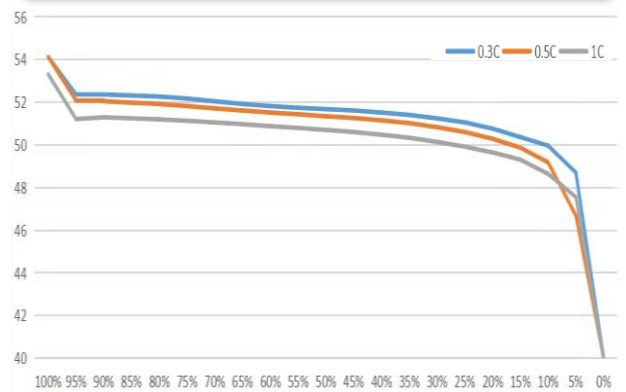
Rack 3U Dimensions



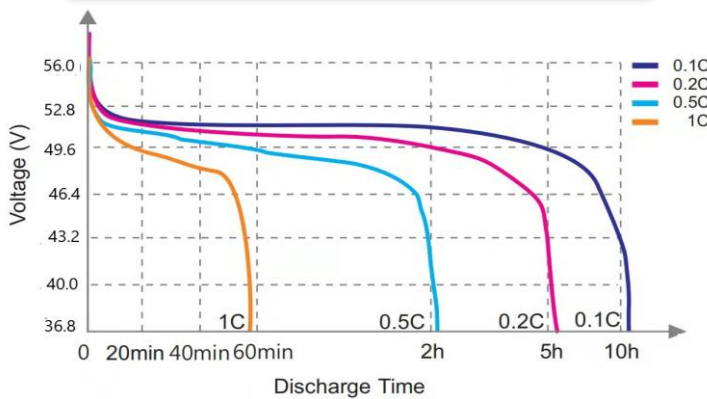
Capacity retention 25°C at Various C rates



Voltage 25°C at Various C rates



Constant Current at 25°C at Various C rate Time Vs Voltage



Capacity retention 1C at Various Temperatures

