



LiFe 75-48 (3U)

Lithium Ferro Phosphate
48V - 75Ah



Electrical Specifications

Nominal Voltage	48 V
Nominal Capacity @25°C , 0.2C	75 Ah
Working voltage range	42 to 54 V
Recommended charging voltage	53,5 to 54 V
Recommended charging current	30 A
Max. continue discharge current	75 A
Max. peak discharge current	100A < 50 sec
Discharging Cut-off voltage	42 V

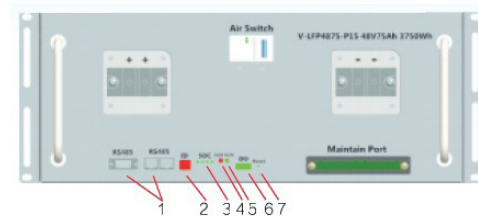
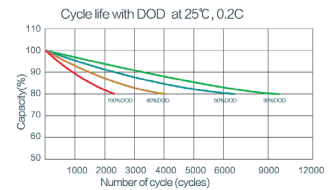
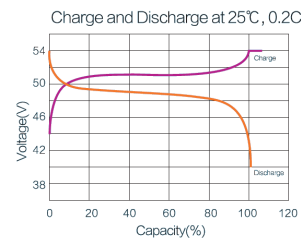
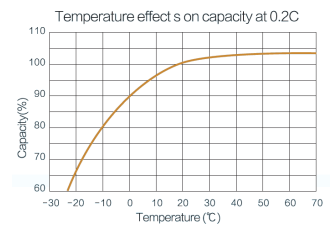
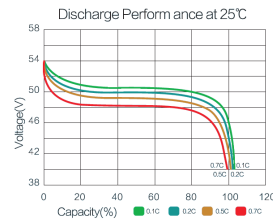
Other Specifications

Cycle life (@20°C 0.2C 80%DOD)	>= 4000 cycles
Dimensions LxWxH (± 2mm)	442x400x134,5
Operating temperature (Discharge)	-20°C to 45°C
Operating temperature (Charge)	0°C to 45°C
Storage temperature	0°C to 45°C
Storage duration	12 mo @20°C
Round trip efficiency (%)	> 98 %
Terminal	DSTB22-2-2-M6
Weight (kg)	41 (±0,3) kg
Safety standard on cell level	UL1642

Innovative Features

- RS485/232 communication output for monitoring
- Built-in BMS with charging current limitation
- Built-in automatic protection for over-charge, over-discharge and over-temperature conditions
- State of charge and state of health indication
- Built-in battery control for efficient operation
- Internal cell balancing
- Compatible with standard Telecom rectifiers and Energy storage systems
- Customized BMS function and parameters
- DO interface for customized dry contact signal
- Maintenance free

Graphics



1. communication interface (RS485)
2. address number (ID)
3. battery capacity (SOC)
4. alarm light (ALM)
5. run light (RUN)
6. dry contact (DO)
7. Reset system (Reset)