Lithium Battery
BU 48V100AH

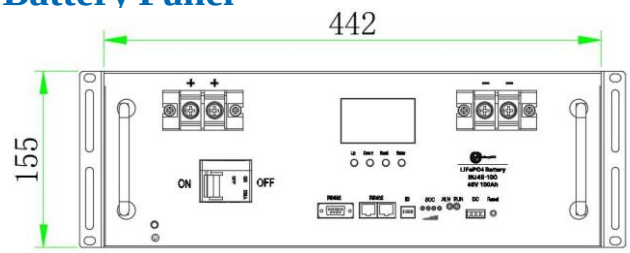
Overview

BU 48V100Ah lithium iron phosphate battery system serves for telecom and energy storage system with perfect compatibility and long cycle life

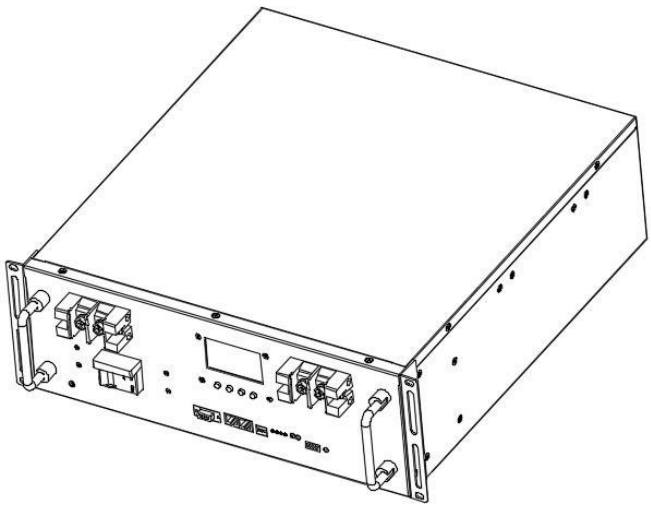
Features

- Built-in BMS with over-charge, over-discharge, over-temperature, over-current protection, etc. compatible with standard telecom and energy storage system
- SOC and SOH indication
- RS485 communication port
- Fast charging, charging rate available
- Good high temperature performance

Battery Panel



1、Earthing terminal2、Positive and negative3、communication interface (DB9-RS485) 4、communication interface(RJ45-RS485)5、address number(ID)6、capacity （SOC）7、alarm light(ALM)8、run ling\(RUN)9、DO port 10、Reset system(Reset)11、switch(ON\OFF)



Battery specification

Nominal Characteristics	
Nominal Voltage /V	48
Nominal Capacity /Ah 35°C , 0.2C)	⩾100
Mechanical characteristics	
Weight (approximate)/Kg	≤43
Dimension L*W*H /mm	442mm*480mm*155mm
Terminal	M6
Electrical characteristics	
Voltage window/V	42 to 52.8
Float charge voltage/V	51.8
Max. continue charge current/A	100
Max. continue discharge current/A	100
Max. Pulse discharge current/A	150A for 3S
Discharging Cut-off Voltagel/V	42
Operating conditions	
Cycle life(+35℃ 0.2C 80％DOD)	＞3000 Cycles
Operating temperature	Discharge -20℃ to 55℃; Charge 0℃ to45℃
Storage temperature	0 to 30℃
Storage duration	12 months at 25℃
Safety standard	UN38.3，GB-EMC