

# 02 | Telecom Back-up



## Product characteristics

- 5-100kWh 3U/4U/5U Battery Pack, 48V/51.2V customization is available
- Expandable Capability, Parallel connection
- Application for Base Station, Power Grid Equipment. Scalable and Plug & Play flexibility.

## PRODUCT PERFORMANCE

Item Name	4850	48100	48150	48200	48280
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage	51.2V	51.2V	51.2V	51.2V	51.2V
Rated Capacity	50AH	100AH	150AH	200AH	280AH
Charge Current	100A	100A	100A	100A	100A
MAX. Discharge Current	100A 0.5C(max)	100A 1C(max)	100A 0.67C(max)	100A 0.5C(max)	100A 0.35C(max)
Charge Cut-off Voltage	57.6V	57.6V	57.6V	57.6V	57.6V
Discharge Cut-off Voltage	43.2V	43.2V	43.2V	43.2V	43.2V
Product Dimension (L*W*H)	442*493*222(mm)	493*445*222(mm)	450*442*311(mm)	500*442*355.5(mm)	/
Net Weight	31±1kg	41±2kg	67±2kg	102±3kg	/
Case Material	Metal	Metal	Metal	Metal	Metal
Communication Protocol	RS485	RS485	RS485	RS485	RS485
Cycle Life	3500	3500	3500	3500	3500
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years
Application					

48V Lithium Iron Phosphate(LiFePO4 ) Battery pack can be used in most applications for back-up energy system.

- ◆ Energy storage system
- ◆ Telecom application
- ◆ Medical equipment
- ◆ Server
- ◆ Solar application
- ◆ Emergency lighting
- ◆ Data center
- ◆ Banking system