

Lithium Iron Phosphate Battery

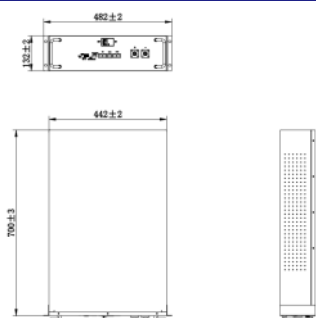
SU72V100(73.6V100Ah 1C)



Features Of LiFePO4 Battery

- Intrasytem balance, Safe LFP technology, Built in BMS
- The flame retardant system reaches UL94V-0
- Good high-temperature performance, high cycle times, and long service life
- Under normal circumstances, it can be cycled thousands of times
- High energy density and conversion efficiency
- Environmentally friendly, free of any heavy metals
- Flexible installation, rack mounted in 19 inch standard cabinet or Tower installation
- Built in automatic protection for overcharging, over discharging, and over temperature

Physical Dimension-mm



Typical Applications

- Backup power supply for communication base stations
- Emergency power supply of wire communication bureau (station) and exchange station
- Wireless communication stations, decentralized base stations
- Various specialized network communication base stations for electricity, military, and other fields
- Data transmission and television signal transmission

Item	Parameters
Model	SU72V100
Rated Capacity	100Ah(Cell 3.2V100Ah)
Nominal Voltage	73.6V
Discharge Ending Voltage	64.4V
Charging Limited Voltage	79.35V
Max. Charging/Discharge Current	50A/100A
Weight	Approx.65KG
Energy	7360Wh
Display	Without LCD display
Max. number of parallel connection	6
Dimensions (W*D*H) mm	442*700*132
Design Life	more than 15 years
Cycle Life	> 3000 cycles (80% DOD,0.5C/1C)
IP Class	IP20
Case Material	Q235A
Operating Temperature	Charging: 0 to +55°C, Discharging: -10 to +60°C, Storage: -5 to +40°C

Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	15 Mins	20 Mins	30 Mins	45 Mins	60 Mins
discharging current	100A	75A	50A	33A	25A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	15 Mins	20 Mins	30 Mins	45 Mins	60 Mins
discharging power	14336W	12096W	8512W	5677W	5120W