

Lithium Iron Phosphate Battery

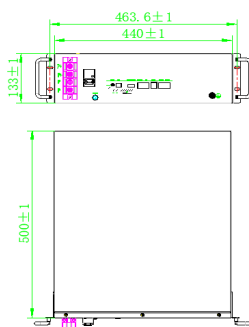
SU51V100(51.2V100Ah 1C)



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	SU51V100
Rated Capacity	100Ah(Cell 3.2V100Ah)
Nominal Voltage	51.2V
Discharge Ending Voltage	43.2V
Charging Limited Voltage	57.6V
Standard Charging Current	50A
Max. Continuous Discharge Current	100A
Weight	Approx.42KG
Display	Without LCD display
Max. number of parallel connection	15
Dimensions (W*D*H) mm	440*500*133
Design Life	More than 10 years
Cycle Life	≥4000 cycles (80% DOD,0.5C/1C)
IP Class	IP30
Case Material	SPCC
Communications Interface	RS485、RS232、CAN、Dry contact

Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	1 h	2 h	3 h	5 h	10 h
discharging current 43.2V	100A	50A	33.3A	20 A	10A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	1 h	2 h	3 h	5 h	10 h
discharging power 43.2V	5120W	2560W	1706.6W	1024W	512W