



Rack Batter 5.12kwh Base

3U 2.56Kwh / 4U 5.12Kwh

Standard 19" Rack Energy Storage System(ESS), it's safe, convenient and intelligent, the product comes with protection and intelligent control, real-time communication, remote control. And the appearance conforms to the standard cabinet size, which can be applied in various scenarios such as computer room, backup power, UPS, etc.

Features

- **EASIER** : Standard 19" size, matching standard rack, simple to do parallel.
- **ECO-FRIENDLY** : 8,000 times of service life, maintenance free.
- **SMARTER** : High -precision control, core algorithm, high reliability, multi-dimensional protection.
- **COMPATIBLE** : Compatible with various brands inverters.

MODEL	3U 2.56Kwh	4U 5.12Kwh
Chemical Type	LiFePO4	LiFePO4
Rated Voltage	51.2V	51.2V
Rated Capacity	50Ah	100Ah
Rated Energy	2.56Kwh	5.12Kwh
Charging Current	30A	50A
Discharging Current	50A	100A
Charging Voltage	58.4V	58.4V
Discharging Voltage	40V	40V
Charging Temp.	0~55°C	0~55°C
Discharging Temp.	-20~60°C	-20~60°C
Design Life	15 years	15 years
Cycle Life	8000 Cycle 50%DOD 25°C/77°F	8000 Cycle 50%DOD 25°C/77°F
Volume (mm)	L460xW482xH133	L460xW482xH178
Weight (kg)	23Kg	45Kg
IP	IP20	IP20
Communication Protocol	RS485, CAN	RS485, CAN
Display	LCD	LCD
Online Management	Mottcell Cloud	Mottcell Cloud
Compliance	IEC62619, IEC62368, UN38.3	IEC62619, IEC62368, UN38.3
Max. Parallel number	16	16
Compatible Inverter	Sungrow, Huawei, Goodwe, Growatt, Sofar, SRNE etc	