

DL5000-48100

Product Introduction

48V100Ah Lithium battery is small in size and light in weight, and it supports 19-inch rack installation, It has a long service life and supports fast charging. It adopts advanced intelligent BMS with alarm and protection functions such as overcharge, over discharge, over current, temperature, etc., and historical data storage, charging current limiting. The product has prominent advantages in the field of communication backup power supply in specific occasions.



Product Characteristic

- Good temperature performance.
- Protection functions of voltage, current & temperature
- Long life(4000 times @0.5C, 80%DOD, 70%EOL 25°C)
- Easy O&M, integrative BMS design , supports self-management, residual capacity.

Specs & Parameters

PARAMETER	Cell Model	IFP27175200A-105Ah
	Cell Combination	1P15S
	Rated Capacity	100Ah
	Rated Energy	4800Wh
	Width × Depth × Height	442mm×430mm×130.5mm
	Weight	42kg±2kg
	Operating Voltage Range	40.5V~54.75V
	Max CH/DCH current (continuous)	50A/100A
	Other Function	MCB/Current Limiter/ Data logger/ Cell balancing/Software lock
	Cycle life	4000 times @0.5C, 80%DOD
	Design life	10 Years
	Charge Temperature Range	0°C~55°C
	Discharge Temperature Range	-20°C~60°C
	Optimal Storage Temperature	0°C~30°C
	Communication interface	RS485, CAN
	Protection Class	IP20
Self-discharge rate@25°C	< 5%/month	