

CF48100T1EC



Product Introduction

CF48100T1EC Lithium battery is a High-tech product independently developed by Harbin coslight New Energy , The 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, AC not needed(Temp.<38°C),and saves energy
- Protection functions of voltage, current & temperature
- Long life(3000 times @0.5C, 85%DOD,35°C)
- Easy O&M, integrative BMS design , supports self-management, residual capacity & battery health.
- Anti-theft function via software ,and optional gyro burglary protection & GPS tracking system.

Specs & parameters

	Product Model No.	CF48100T1EC
P A R A M E T E R	Anode Material	LFP
	Nominal Voltage	-48V(1P15S)
	operating voltage range	42.0V-52.5V
	Max CH/DCH current	100/100A
	Cycle life	3000 times
	Standard capacity	100Ah
	Weight	49kg
	Width × depth × height	440mm×395mm×176mm
	Self-discharge rate@25°C	<3% (90 days Storage)
	Comm interface	RS485, CAN.
	Max parallel quantity	15
	Max parallel power	57.6KW
	Terminal connector	M8, Torque: 8N.m
	Installation method	19inch rack
	Protection functions	Over Temp. , Over current, Short circuit , Over CH & Over DCH protections.
Certifications	UL & CE & IEC & UN	
Design life	15years	