FDC-CM48-200 Datasheet





FDC-CM48-200 is a part of our FDC Deep Cycle Lithium batteries. Specially designed to offer a lighter, longer life and higher power solution to Lead Acid batteries, this 48V 200Ah battery offers optimum safety thanks to a built-in Battery Management System (BMS).

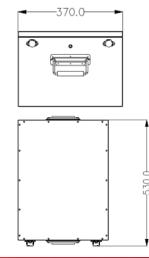
Maintenance free (no more watering required), the FDC-CM48-200 battery will deliver exceptional performance and unmatched reliability for electric vehicle such as Cleaning machine.

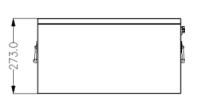
A SPECIFICATIONS	
Nominal voltage	48V
Nominal capacity	200Ah
Energy	9600Wh
Cycle life	Up to 3000 cycles at 80% DOD
Monthly self discharge	≤2% per month
Communication	CAN/RS485 optional
Terminal	M8 Bolts,12±2N·m
Standard Charge	
Max Charge current	100A
Upper limit voltage	54V
Charging temperature	0~55°C
Standard discharge	
Max Continuous Discharge	-
Max Discharge current	100A
Lower limit voltage	42V
BMS Voltage Recovery	-
Pulse current	300A (5s)
Operating temp. range	
Charge temperature	0°C to 55°C
Discharge temperature	-20°C to 60°C
Storage temperature	-5°C to 35°C
Container material	Powder Coated Steel
IP Rate	IP65

- Smart BMS (Battery Management System) self-protects against short circuits, overheating, overcharge, overdischarge and overcurrent.
- Fast charge: under 4 hours.
- 2-3X the lifetime of flooded lead acid batteries.
- Acid-free design takes away corrosion, acid drips and charging fumes.

A DIMENSIONS & WEIGHT

Lenght	530±2mm
Width	370±2mm
Total height	273±2mm
Gross weight	84.0kg





APPLICATIONS



