## FDC-CM36-150 Datasheet





FDC-CM36-150 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 35.2V 150Ah battery offers optimum safety thanks to a built-in Battery Management System (BMS).

Maintenance free (no more watering required), the FDC-CM35-150 battery will deliver exceptional performance and unmatched reliability for electric vehicle such as Cleaning machine.

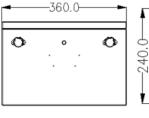
A SPECIFICATIONS	
Nominal voltage	35.2V
Nominal capacity	150Ah
Energy	5280Wh
Cycle life	Up to 3000 cycles at 80% DOD
Monthly self discharge	≤2% per month
Communication	CAN/RS485 optional
Terminal	M8 Bolts,12±2N·m
Standard Charge	
Max Charge current	100A
Upper limit voltage	39.6V
Charging temperature	0~55°C
Standard discharge	
Max Continuous Discharge	-
Max Discharge current	100A
Lower limit voltage	30.8V
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

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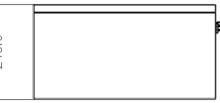
- Smart BMS (Battery Management System) self-protects against short circuits, overheating, overcharge, overdischarge and overcurrent.
- Fast charge: under 4 hours.
- 2-3X the lifetime of flooded lead acid batteries.
- Acid-free design takes away corrosion, acid drips and charging fumes.

## **M** DIMENSIONS & WEIGHT

Lenght	490±2mm
Width	360±2mm
Total height	240±2mm
Gross weight	54.5kg



-90.



## APPLICATIONS



