



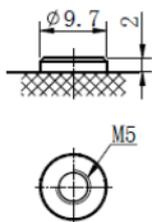
## AGM

FDC Series are Deep Cycle AGM batteries specifically designed for frequent discharge deep cycle application. With non-spillable design and maintenance free, AGM FDC Series offer low self-discharge and ensure a maximum service life with high resistance to cycles. Thanks to carbon additives, these batteries can perfectly be used with good performance without being 100% charged. This range offers reliable performance for electric vehicle and other applications such as golf cart, aerial work platform, cleaning machine, marine, solar energy...

### FEATURES

- DEEP CYCLE AGM TECHNOLOGY (VRLA)
- NON SPILLABLE & MAINTENANCE FREE
- NO ACID HANDLING
- DEEP CYCLE DESIGN FOR HIGH CAPACITY AND MAXIMUM LIFE
- REINFORCED GRID/PLATES DESIGN FOR OPTIMAL CYCLIC USE
- ROBUST, SAFE & RELIABLE
- CARBON ADDITIVES TO PERFORM IN PARTIAL STATE OF CHARGE (PSOC) AND TO INCREASE CHARGING EFFICIENCY
- LOW SELF-DISCHARGE RATE FOR LONGER SHELF LIFE

### TERMINAL



### SPECIFICATION

VOLTAGE  
**12v**

CAPACITY (20h)

**25Ah**

CAPACITY (10h)

**24Ah**

CAPACITY (5h)

**22.6Ah**

CAPACITY (2h)

**20Ah**

#### Operating temperature

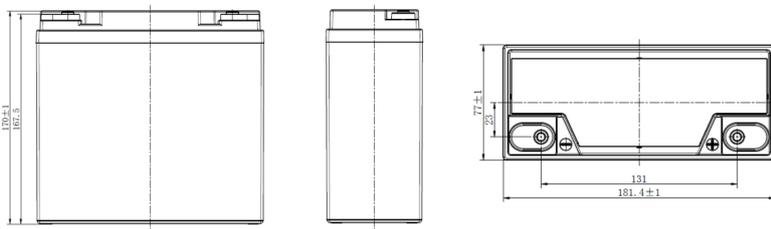
Discharge	-15°C ~ 50°C
Charge	0°C ~ 40°C
Storage	-15°C ~ 40°C

#### Charging instructions

Max current	4.3A
Float	13.7V - 13.9V
Cyclic	14.7V - 14.9V

### DIMENSIONS & WEIGHT

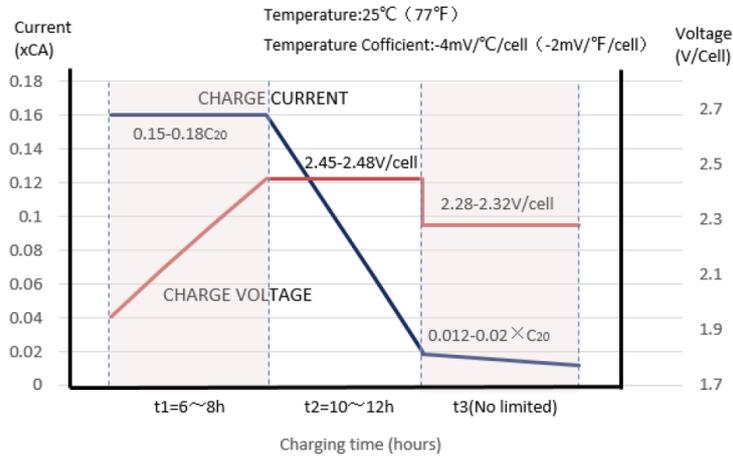
LENGTH	181.5±2mm
WIDTH	77±2mm
TOTAL HEIGHT	170±2mm
GROSS WEIGHT	6.5kg



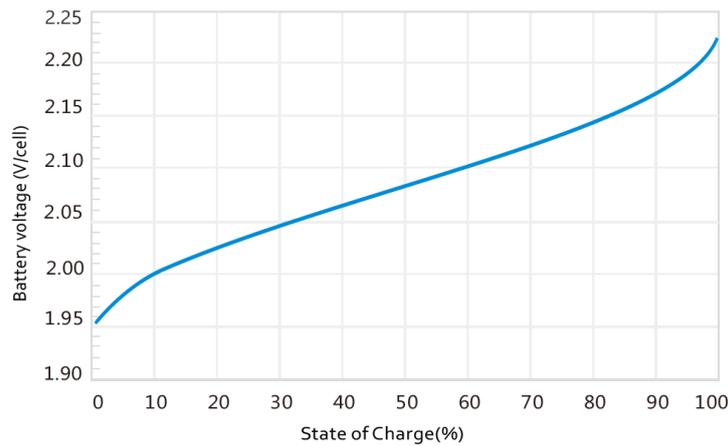
### APPLICATIONS



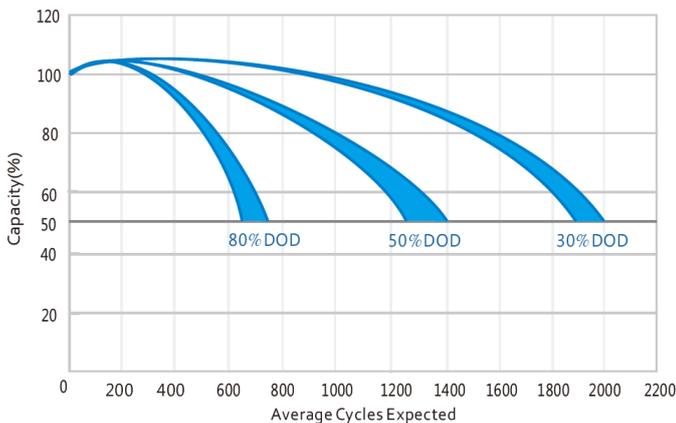
## FDC AGM CHARGING PROFILE



## RELATIONSHIP OF OCV AND STATE OF CHARGE (25°C, 77°F)



## CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



## SELF-DISCHARGE CHARACTERISTIC

