



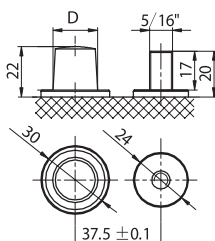
AGM

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

6v

CAPACITY (100h)

435Ah

CAPACITY (20h)

400Ah

CAPACITY (10h)

375Ah

CAPACITY (5h)

342Ah

CAPACITY (25A)

925min

CAPACITY (75A)

265min

Operating temperature

Discharge -15°C ~ 50°C

Charge 0°C ~ 40°C

Storage -15°C ~ 40°C

Charging instructions

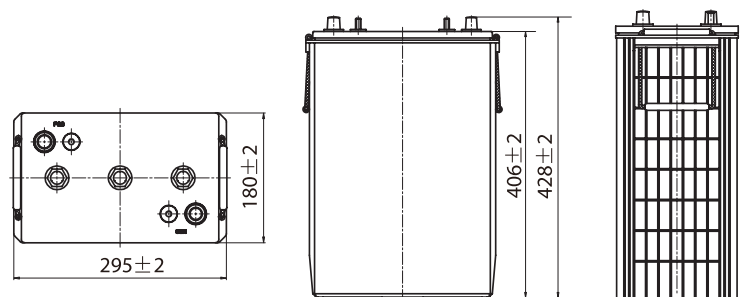
Max current 60A

Float 6.85V - 6.95V

Cyclic 7.35V - 6.45V

DIMENSIONS & WEIGHT

LENGTH	295±2mm
WIDTH	180±2mm
TOTAL HEIGHT	428±2mm
GROSS WEIGHT	54.2kg



APPLICATIONS



Aerial Work Platform



Golf Cart

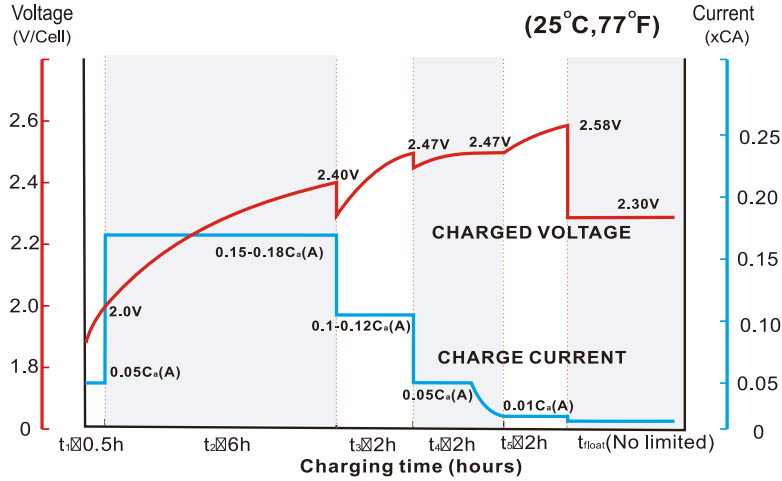


Floor Cleaning Machine

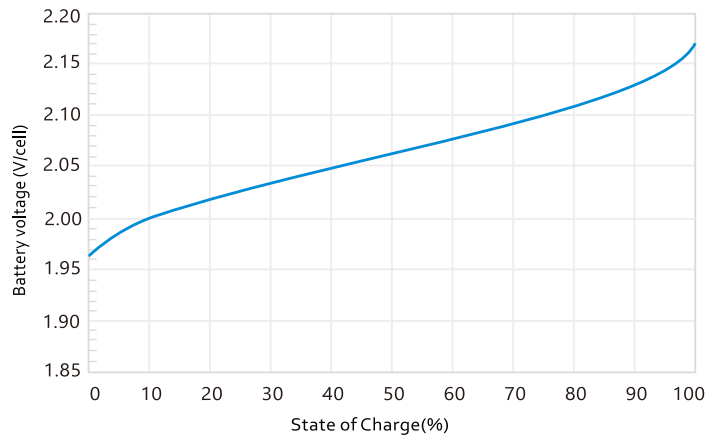


Solar

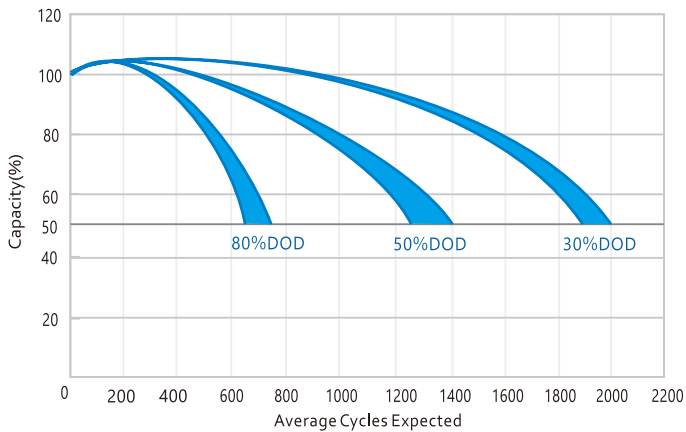
FDC AGM CHARGING PROFILE



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



CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SELF-DISCHARGE CHARACTERISTIC

