



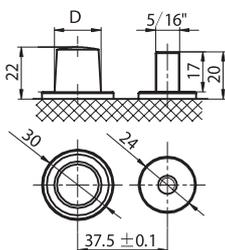
AGM

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 (100h)	130Ah
CAPACITY (25A)	239min	CAPACITY (20h)	118Ah
CAPACITY (75A)	65min	CAPACITY (10h)	113Ah
		CAPACITY (5h)	107Ah

Operating temperature

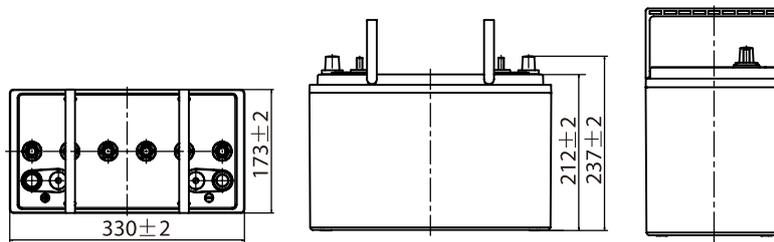
Discharge	-15°C ~ 50°C
Charge	0°C ~ 40°C
Storage	-15°C ~ 40°C

Charging instructions

Max current	17.3A
Float	13.7V - 13.9V
Cyclic	14.7V - 14.9V

DIMENSIONS & WEIGHT

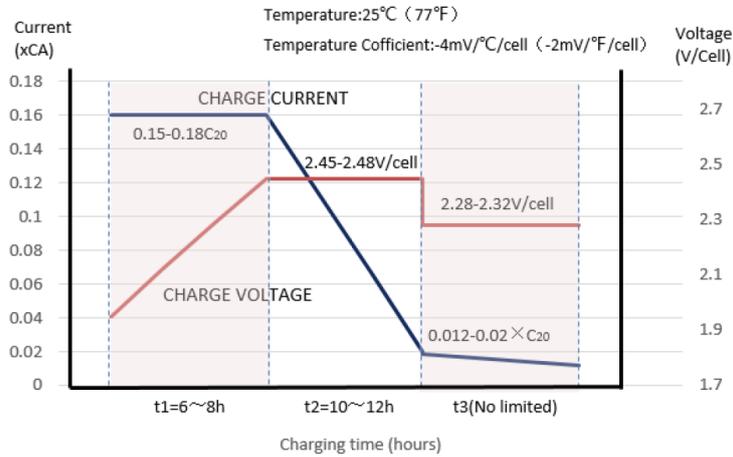
LENGTH	330±2mm
WIDTH	173±2mm
TOTAL HEIGHT	237±2mm
GROSS WEIGHT	31.7kg



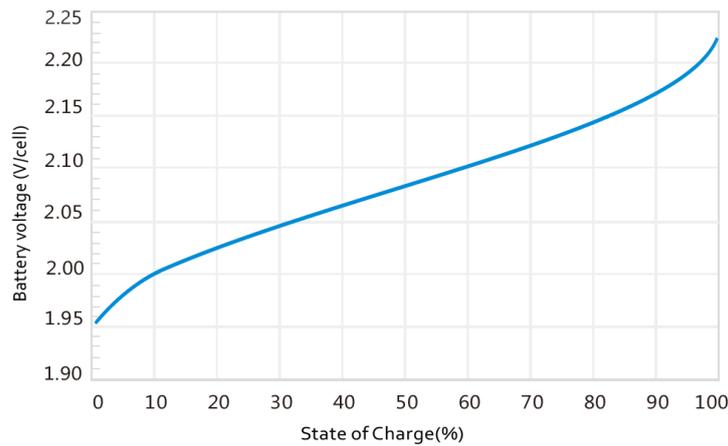
APPLICATIONS



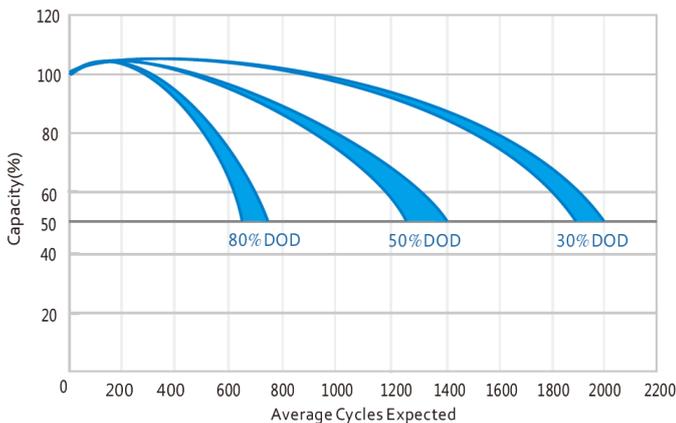
FDC AGM CHARGING PROFILE



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



CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SELF-DISCHARGE CHARACTERISTIC

