

Features & Benefits

Stable initial capacity

- PAM/NAM amount optimization
- 4BS crystal paste mixing & curing technology
- Double layer separator technology
- Improved design electrolyte S.G.

Excellent deep cycle performance

- Plate assembly pressure re-engineering
- New PAM/NAM recipe introduced
- Gel electrolyte technology
- Rare earth alloy
- Double layer separator technology
- Lower acid filling temperature

Delay PAM softening and shedding

- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density

Improved PSoC cycling

- Carbon boost technology
- Mix carbon boost technology
- Targeting for higher level through carbon technology

Less water loss

- PAM/NAM amount optimization
- New PAM/NAM recipe introduced
- Rare earth alloy

Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology



Optimize electrolyte stratification

- Introduce AGM-GEL technology

Application

- Electric vehicle
- Golf cart
- Sightseeing bus
- Cleaning equipment
- AWP
- Marine&RV

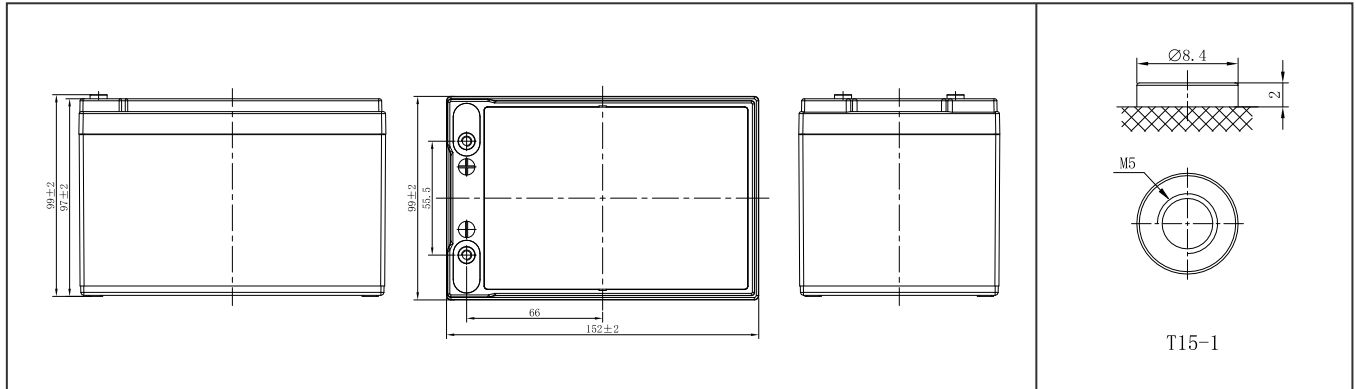
Electrical Specifications

Voltage (V)	Capacity(Ah)		Operating Temp. Range		
	20HR	3HR	Discharge	Charge	Storage
12	13	10.6	-20~55°C (-4~131°F)	0~40°C (32~104°F)	-15~40°C (5~104°F)

Physical Specifications

Dimensions(mm/inches)				Weight (kg/lbs)	Terminal Type (Standard)	Case Material
Length	Width	Height	Total Height			
152/5.98	99/3.90	97/3.82	99/3.90	3.65/8.05	T15-1(M5)	ABS

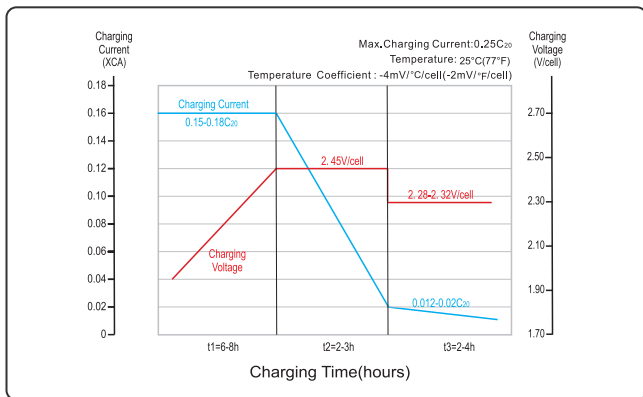
Dimensions (mm)



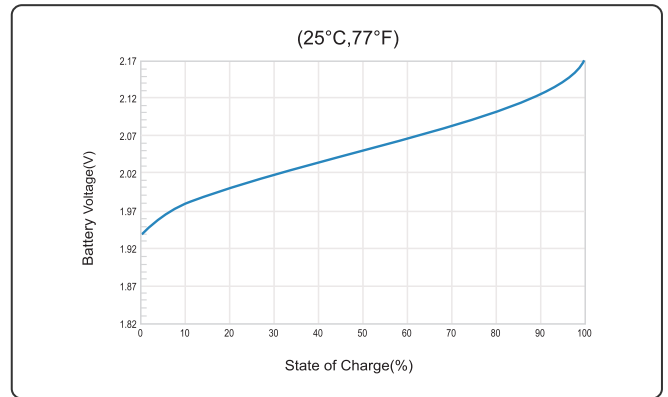
Note: Terminal Torque Values in-lb(Nm):97.28-130.0(11-14.7)

Performance Characteristics

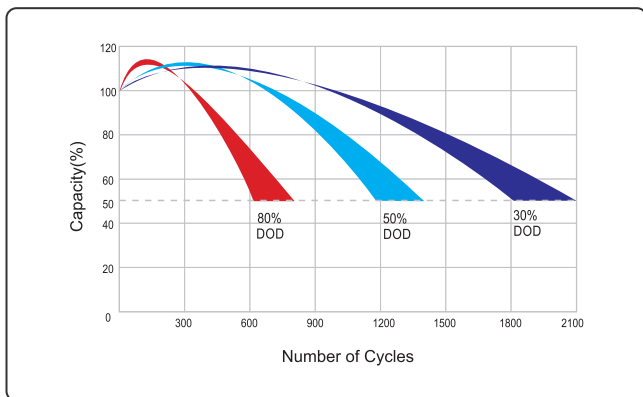
Charging Profile



Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics

