

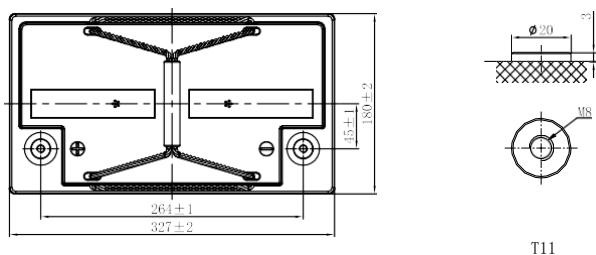
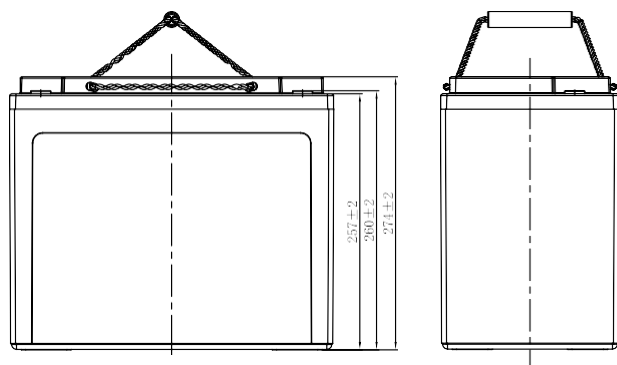
DEEP CYCLE GEL BATTERY

SPG155-12 (12V155Ah)



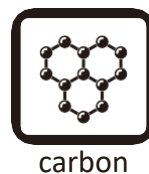
CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	327mm (12.9inches)
	Width	180mm (7.09inches)
	Container Height	274mm (10.8inches)
	Total Height	274mm (10.8inches)
Approx Weight	42.2kg (93.0lbs)	
Terminal	T11(M8)	
Container Material	ABS	
Reserve Capacity	25A	323min
	56A	120min
	75A	90min
Capacity	20HR	155Ah
	5HR	136Ah
	Discharge	-20~55°C (-4~131°F)
Operating Temp. Range	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)



APPLICATIONS

- Electric vehicle
- Golf cart
- Sightseeing
- Cleaning equipment
- AWP
- Mobility



Note: Terminal Torque Values in-lb(Nm):97.28-130.0(11.0-14.7)



DEEP CYCLE GEL BATTERY

SPG155-12 (12V155Ah)



GENERAL FEATURES

Stable initial capacity

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

Less water loss

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

Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

Improved PSoC cycling

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

Delay PAM softening and shedding

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

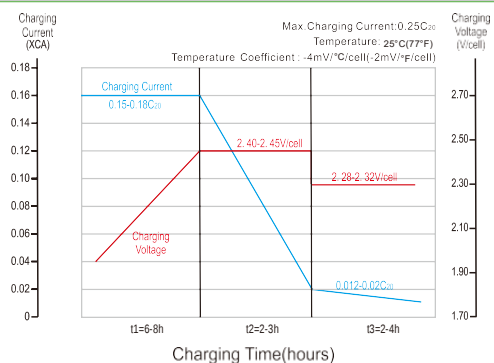
Excellent deep cycle performance

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

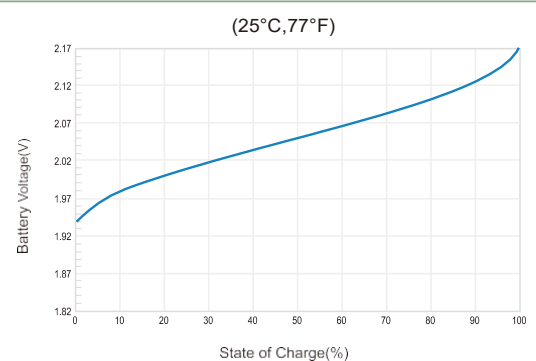
Optimize electrolyte stratification

- Introduce GEL technology

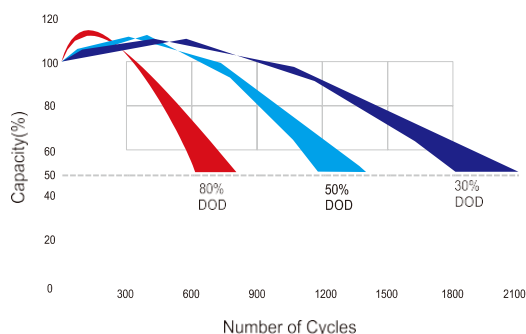
Charging Profiles



Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics

