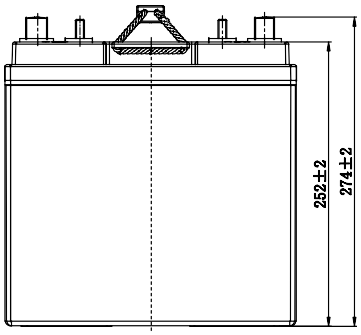
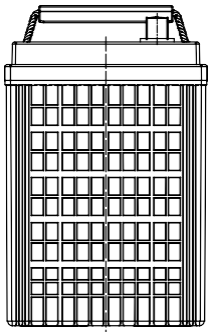
INCOMPARABLE DEEP CYCLE AGM BATTERY

AMX8-165-GC8 (8V165Ah)

CHARACTERISTICS

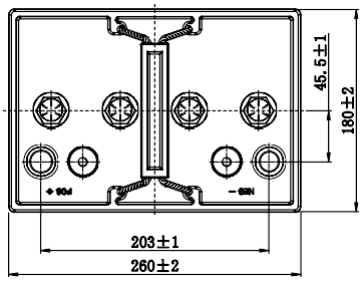
Item		Specifications
Voltage		8V
Dimension	Length	260mm (10.2inches)
	Width	180mm (7.09inches)
	Container Height	252mm (9.92inches)
	Total Height	274mm (10.8inches)
Approx Weight		29.27kg (64.5lbs)
Terminal		DT(5/16")
Container Material		PP
Reserve Capacity	25A	325min
	56A	130min
Capacity	20HR	165Ah
	5HR	140Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

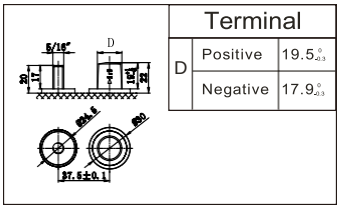




APPLICATIONS

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





carbon

AGM-GEL technology

Note: Terminal Torque Values in-lb(Nm):176-203(20-23)

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GENERAL FEATURES

Stable initial capacity

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

Improved PSoC cycling

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

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

Less water loss

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

Delay PAM softening and shedding

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

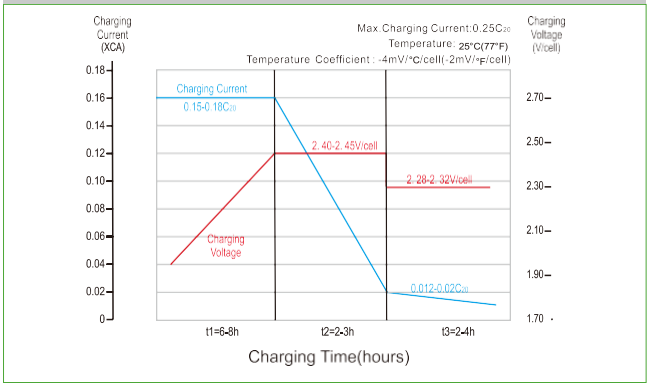
Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

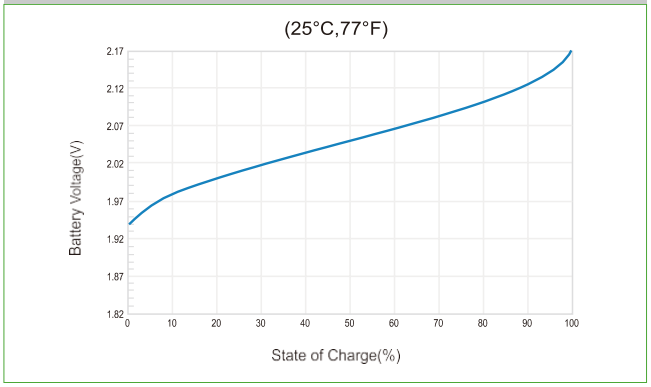
Optimize electrolyte stratification

- Introduce AGM-GEL technology

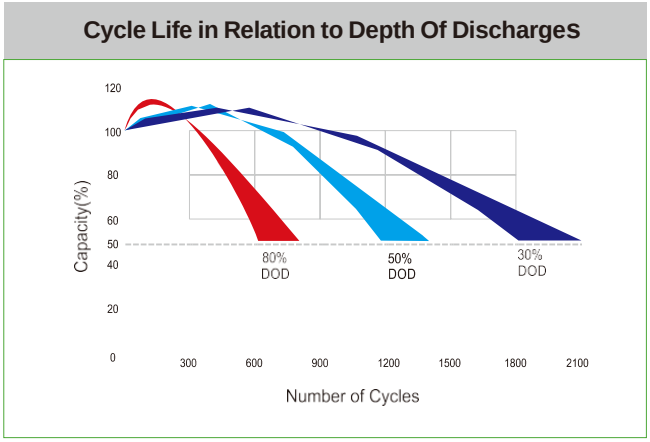
Charging Profiles



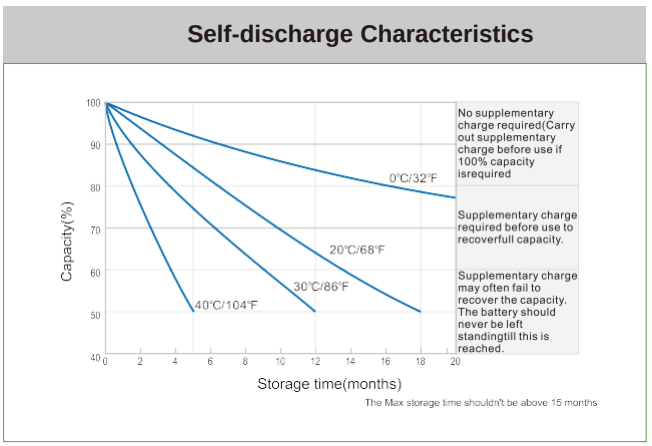
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of DischargeS



Self-discharge Characteristics



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