

BATTERIES

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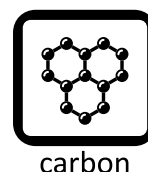
TECHNICAL DATA SHEET



PGC2DINAGMI

SPECIFICATIONS

Part Number	PGC2DINAGMI	
Volt	6 V	
Type	AGM	
Terminal	M8	
Terminal Torque	11 - 14 Nm (8 - 11 in-lbs)	
Container Material	Polypropylene	
Reserve Capacity	25 A	530 min
	75 A	145 min
Capacity	20 Hr	245 Ah
	5 Hr	210 Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)
Handle	No	



carbon



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

Optimize electrolyte stratification

- Introduce new AGM technology

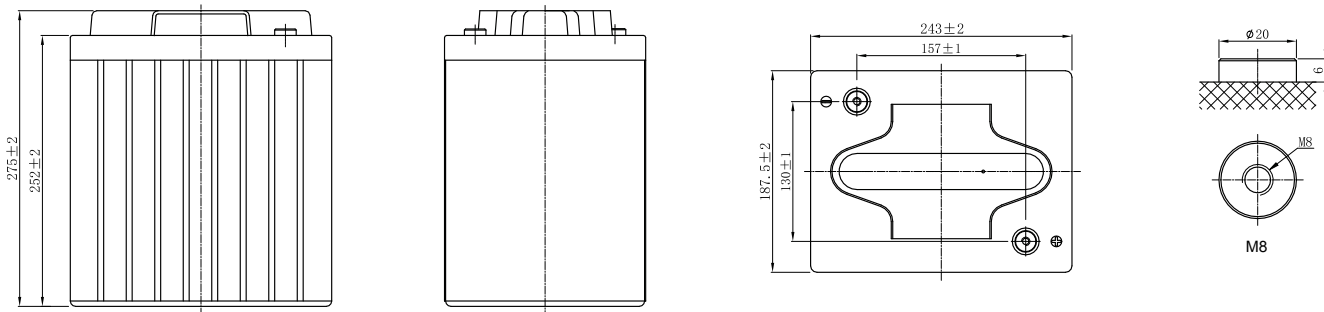
Excellent deep cycle performance

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

DIMENSIONS

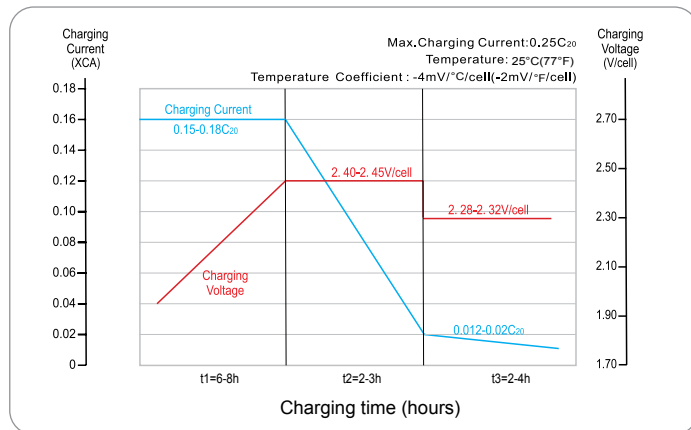
Lenght	243 mm (9 9/16")
Width	187.5 mm (7 3/8")
Case Height	275 mm (10 13/16")
Overall Height	275 mm (10 13/16")
Weight	32.4 kg (71.4 lbs)

DRAWING

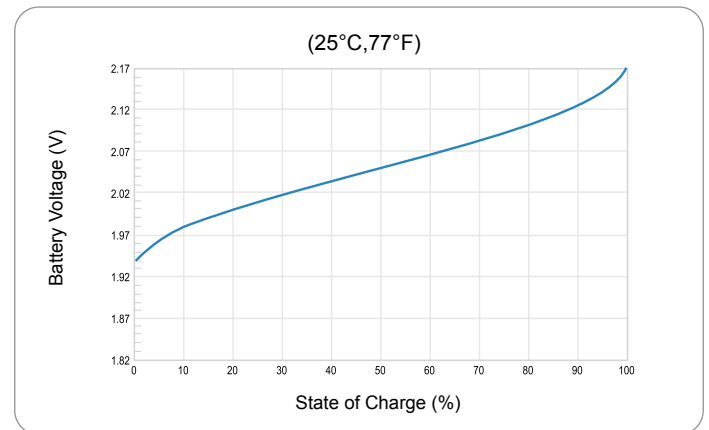


CHARGE / DISCHARGE PERFORMANCE CURVES

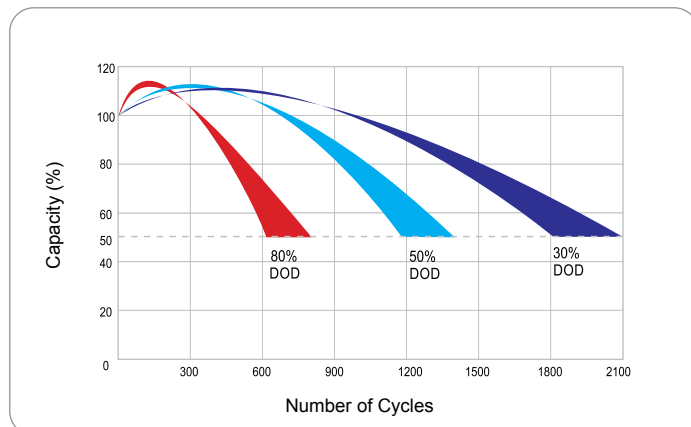
Charging Profiles



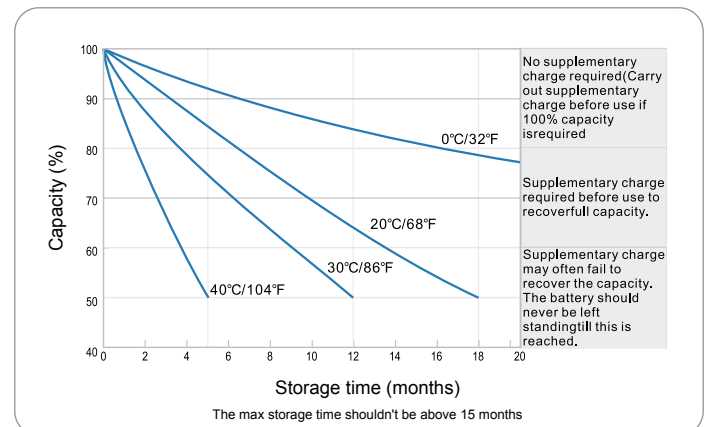
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



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