

BATTERIES POL-R

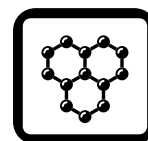
TECHNICAL DATA SHEET

P24AGMDT



SPECIFICATIONS

Part Number	P24AGMDT
BCI	24
Volt	12 Volts
Type	AGM
Terminal	Dual, auto post + stud 5/16"
Terminal Torque	176-203 in-lb (20-23 Nm)
Container Material	ABS
Reserve Capacity	25A 175 min.
	75 A 35 min.
Capacity	20 Hr 85 Ah
	5 Hr 73 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)



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

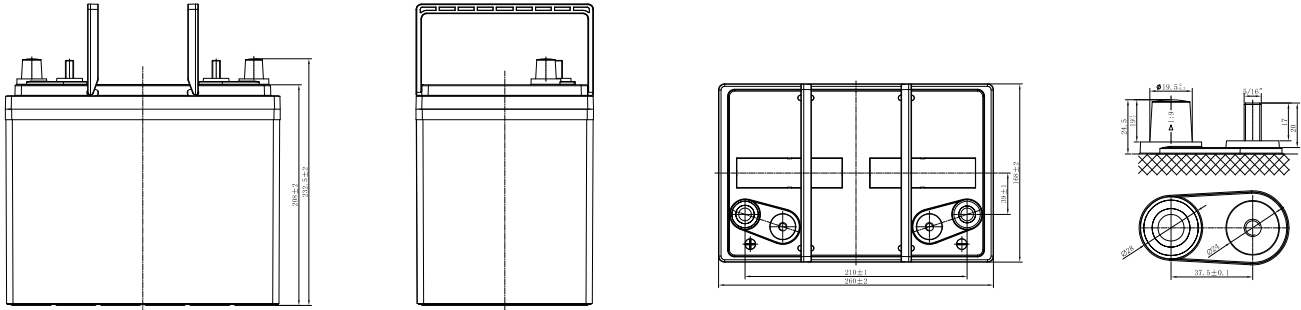
Excellent deep cycle performance

- 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

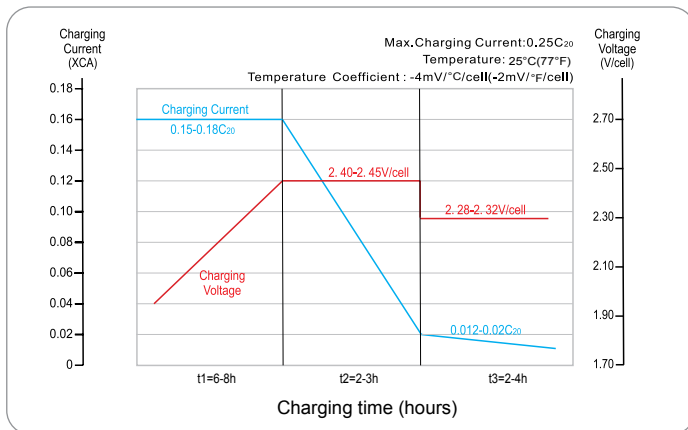
Length	260 mm (10 1/4")
Width	168 mm (6 5/8")
Case Height	208 mm (8 3/16")
Overall Height	232.5 mm (9 3/16")
Weight	23.8 kg (52.5 lbs)

DRAWING

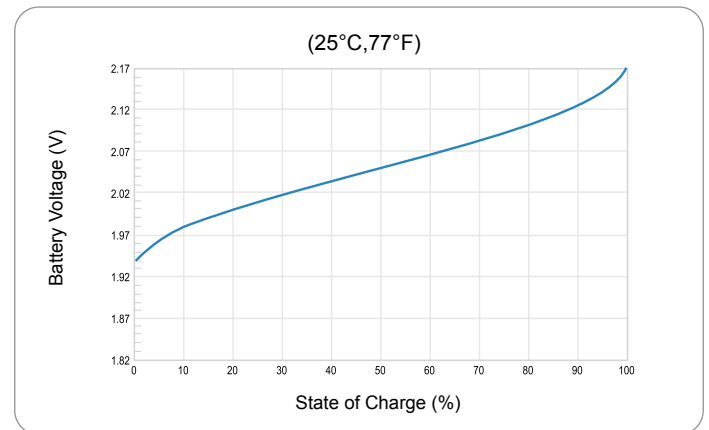


CHARGE / DISCHARGE PERFORMANCE CURVES

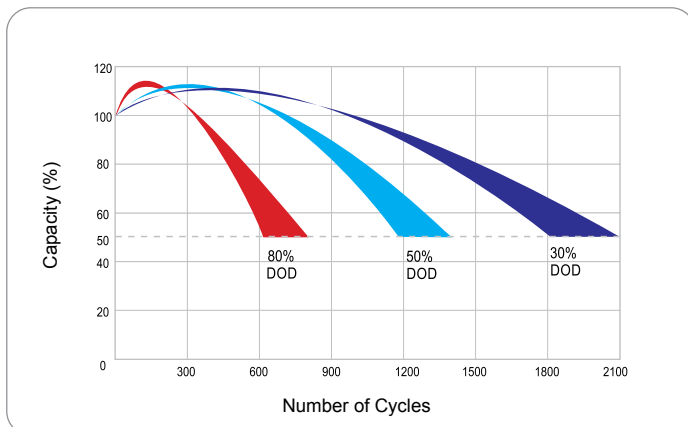
Charging Profiles



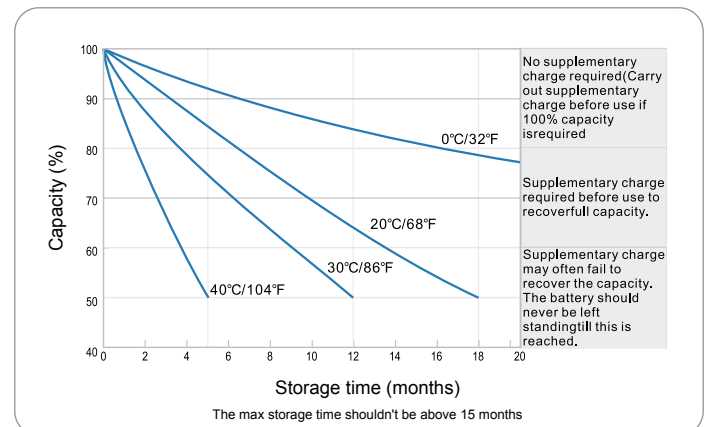
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



POL-R, all rights reserved. POL-R is not liable for damages that may occur from any information provided in or omitted from this publication, under any circumstances. POL-R reserves the right to make changes or adjustments to this publication at any time without notices or obligations.

POL-R