

BATTERIES



POL-R

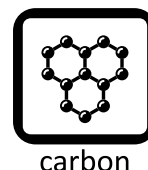
TECHNICAL DATA SHEET

P185AGMDT



SPECIFICATIONS

Part Number	P185AGMDT	
BCI	921	
Volt	12 Volts	
Type	AGM	
Terminal	Dual, auto post + stud 3/8"	
Container Material	Polypropelene	
Reserve Capacity	25A	535 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)



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

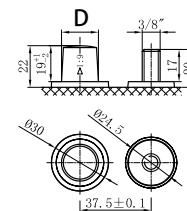
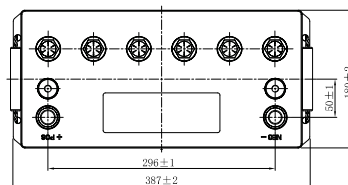
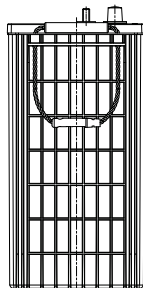
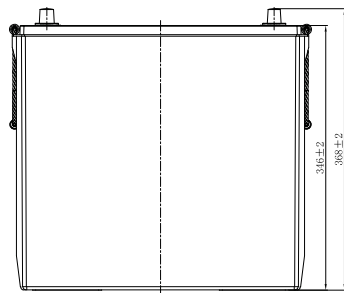
Excellent deep cycle performance

- 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

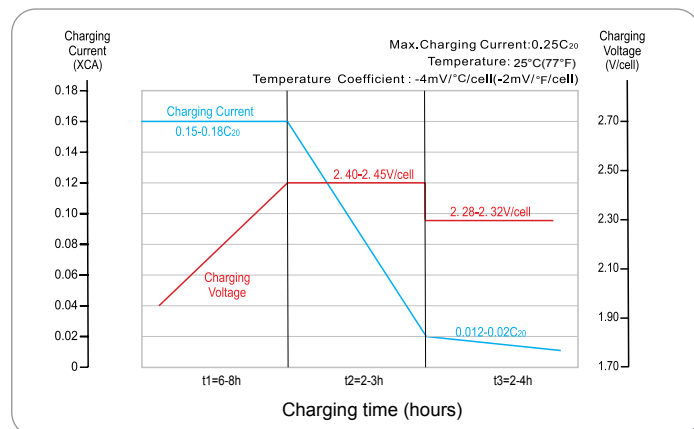
Length	387 mm (15 1/4")
Width	180 mm (7 1/16")
Case Height	346 mm (13 5/8")
Overall Height	368 mm (14 1/2")
Weight	64.33 kg (141.8 lbs)

DRAWING

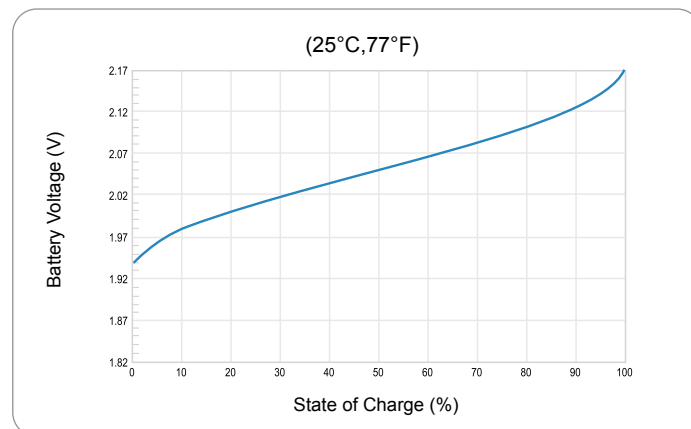


CHARGE / DISCHARGE PERFORMANCE CURVES

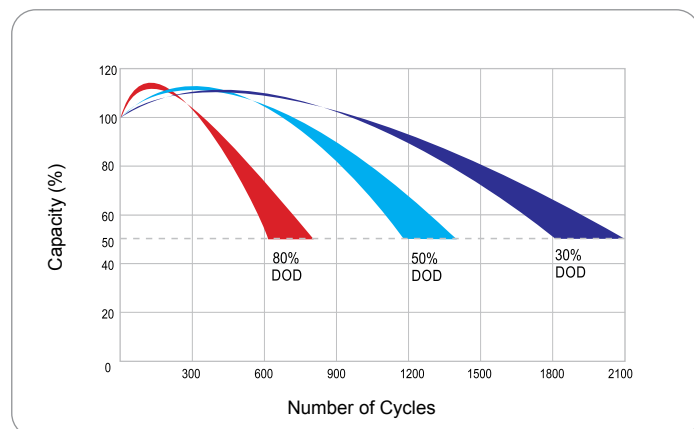
Charging Profiles



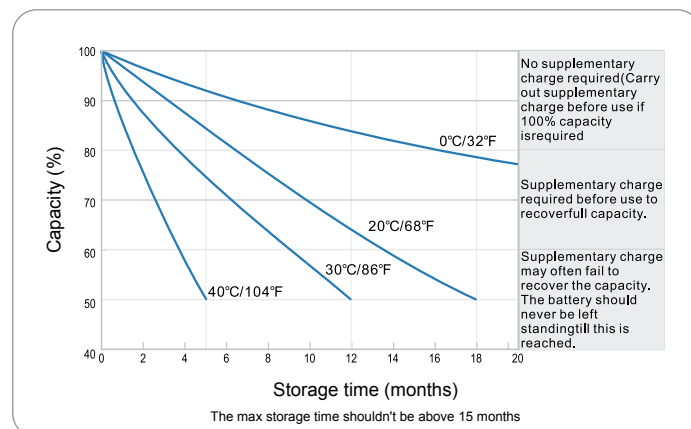
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



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