NITRO

TECHNICAL DATA SHEET

N6-215DCI

SPECIFICATIONS

Part Number	N6-215DCI	
BCI	27	
Volt	6 V	
Type	AGM	
Terminal	T11 (M8)	
Terminal Torque	11-14 Nm (8-11 in-lbs)	
Container Material	Polypropelene	
Life Cycles	700 cycles at 80% DOD	
Reserve Capacity	25 A	420 min.
	75 A	100 min.
Capacity	20 Hr	215 Ah
	5 Hr	185 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

AGM

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

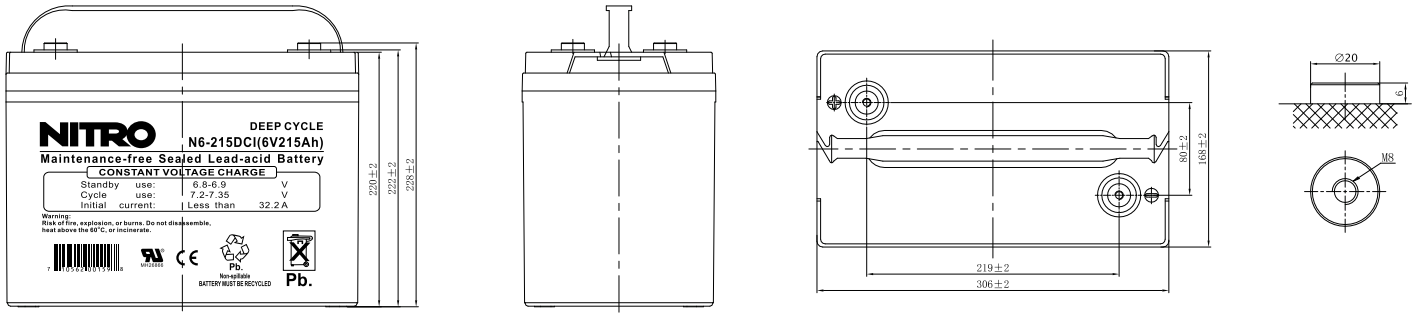
Optimize electrolyte stratification
- Introduce new AGM technology

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

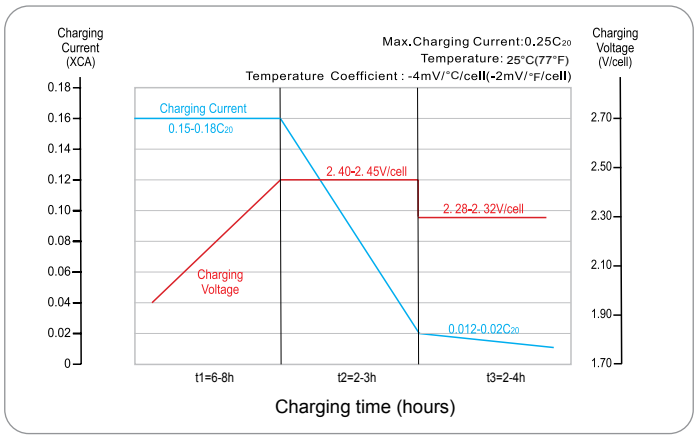
Length	306 mm (12 1/16")
Width	168 mm (6 5/8")
Case Height	220 mm (8.66")
Overall Height	228 mm (8.98")
Weight	29.04 kg (64.0 lbs)

DRAWING

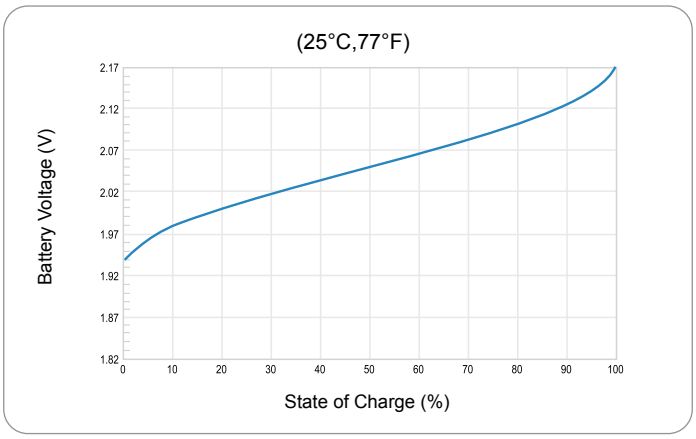


CHARGE / DISCHARGE PERFORMANCE CURVES

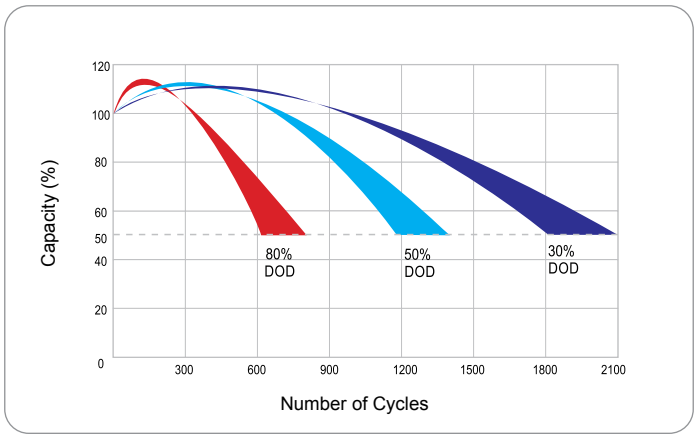
Charging Profiles



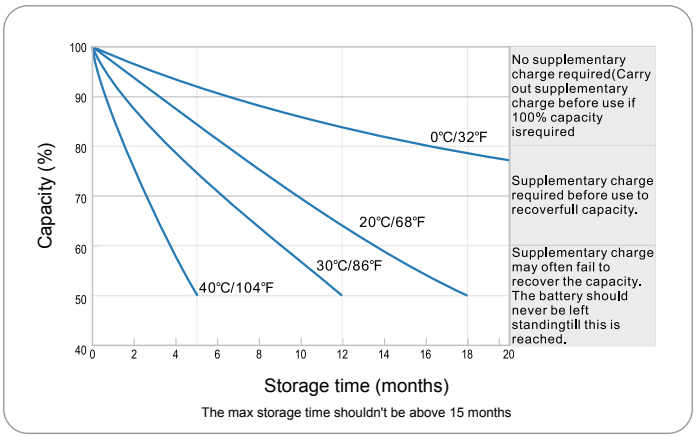
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



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