

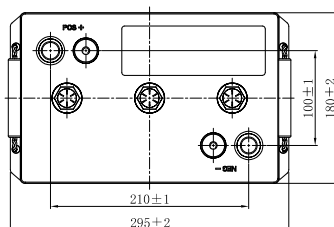
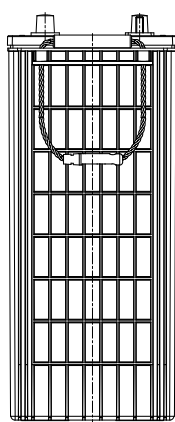
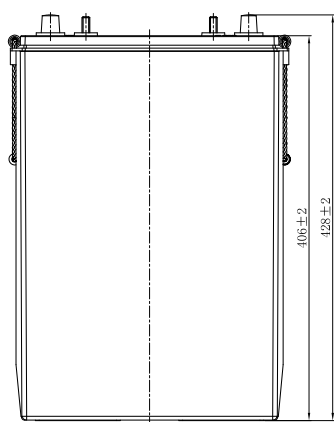
INCOMPARABLE DEEP CYCLE AGM BATTERY

LDC6-400-L16 (6V400Ah)



CHARACTERISTICS

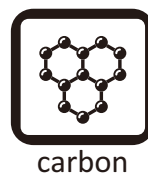
Item		Specifications
Voltage		6V
Dimension	Length	295mm (11.6inches)
	Width	180mm (7.09inches)
	Container Height	406mm (16.0inches)
	Total Height	428mm (16.9inches)
Approx Weight		54.2kg (119.5lbs)
Terminal		DT(5/16")
Container Material		PP
Reserve Capacity	25A	925min
	75A	265min
Capacity	20HR	400Ah
	5HR	342Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)



Terminal	
Positive	19.5 _{±0.5}
Negative	17.9 _{±0.5}

APPLICATIONS

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



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.

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

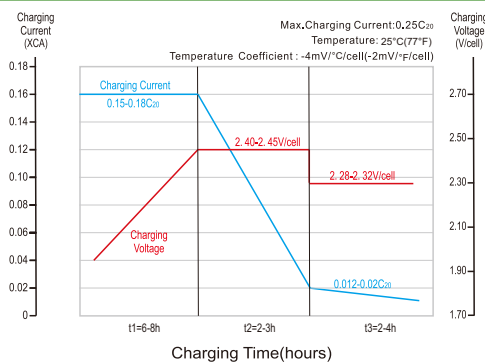
Optimize electrolyte stratification

- Introduce AGM-GEL technology

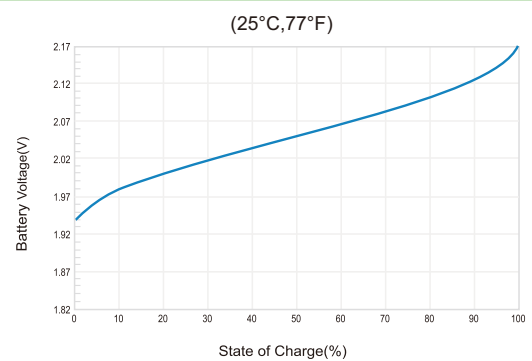
Excellent deep cycle performance

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

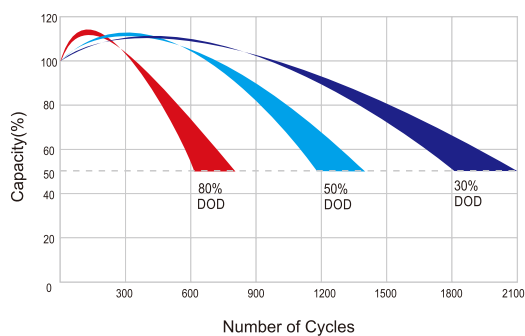
Charging Profiles



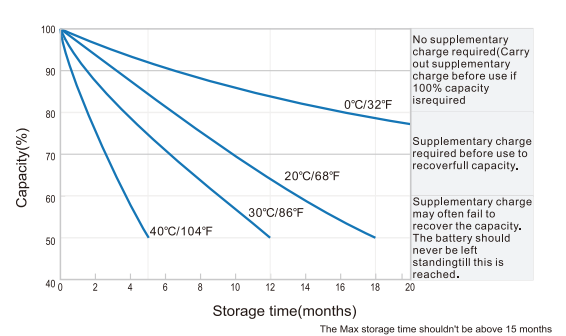
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



Leoch International Technology Ltd.
 www.leoch.com

Leoch Batteries Pte Ltd
 www.leoch.sg

Leoch Battery Corporation
 www.leochamericas.com

Leoch Europe S.A.
 www.leoch.eu