

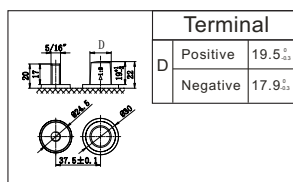
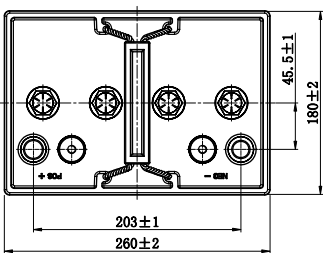
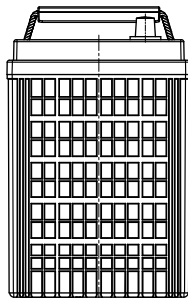
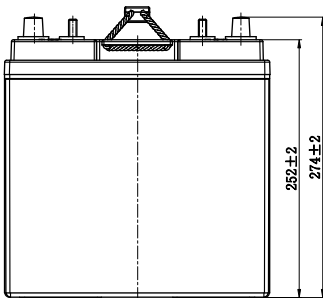
SUPERIOR DEEP CYCLE AGM BATTERY

LDC8-180-GC8 (8V182Ah)



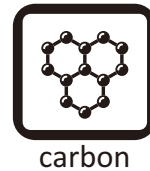
CHARACTERISTICS

Item	Specifications	
Voltage	8V	
Dimension	Length	260mm (10.2inches)
	Width	180mm (7.09inches)
	Container Height	252mm (9.92inches)
	Total Height	274mm (10.8inches)
Approx Weight	30.8kg (67.9lbs)	
Terminal	DT(5/16")	
Container Material	ABS	
Reserve Capacity	25A	365min
	56A	155min
Capacity	20HR	182Ah
	10HR	170Ah
	5HR	153Ah
	Discharge	-20~55°C (-4~131°F)
Operating Temp. Range	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)



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.

Improved PSoC cycling

- Carbon boost technology
- Mix carbon boost technology
- Targeting for higher level through carbon 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

Less water loss

- PAM/NAM amount optimization
- New PAM/NAM recipe introduced
- Rare earth alloy

Delay PAM softening and shedding

- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density

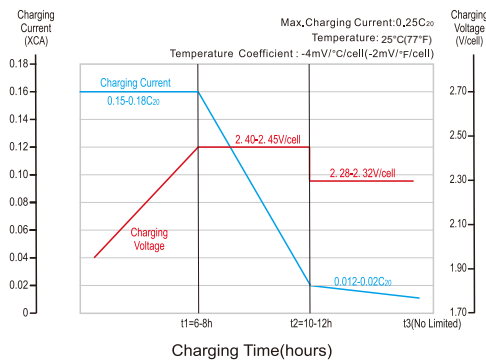
Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

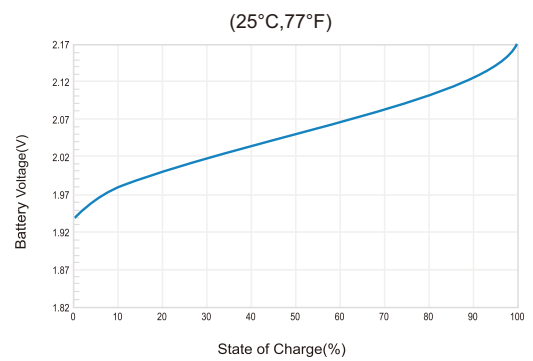
Optimize electrolyte stratification

- Introduce AGM-GEL technology

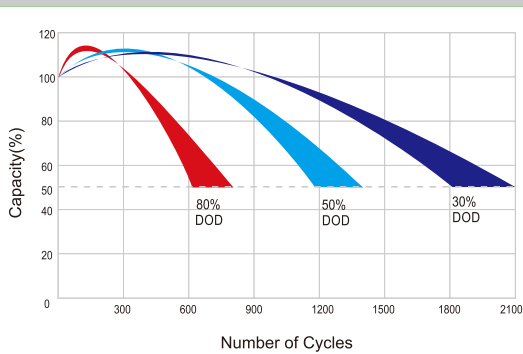
Charging Profiles



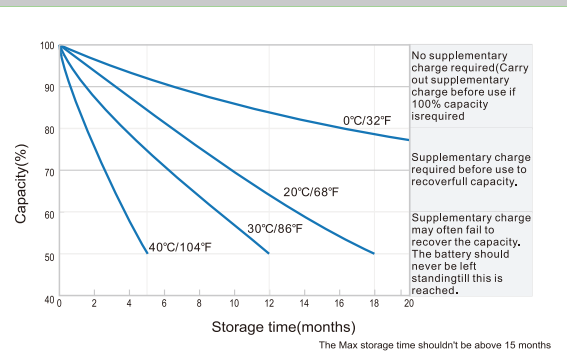
Relationship of OCV and State Of Charge



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