SUPERIOR DEEP CYCLE AGM BATTERY
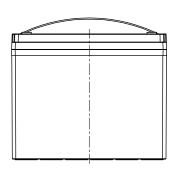
LDC12-100 (12V100Ah)
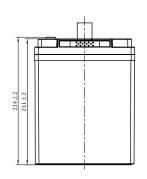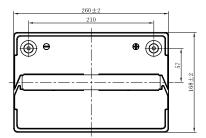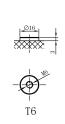
LEOCH
LEOCH BATTERY

CHARACTERISTICS

Item		Specifications
Voltage		12V
Dimension	Length	260mm (10.2inches)
	Width	168mm (6.61inches)
	Container Height	211mm (8.31inches)
	Total Height	214mm (8.43inches)
Approx Weight		25.8kg (56.9lbs)
Terminal		T6(M6)
Container Material		ABS
Reserve Capacity	25A	192min
	56A	65min
Capacity	20HR	100Ah
	10HR	92Ah
	5HR	89Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

APPLICATIONS

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

carbon

AGM-GEL
technology

Note: Terminal Torque Values in lb(Nm):34.39 47.75(3.9 5.4)

CE Battery Council ISSA ISO 9001 DQC ISO 14001 SGS IATF 16949 TUV

SUPERIOR DEEP CYCLE AGM BATTERY

LDC12-100 (12V100Ah)

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
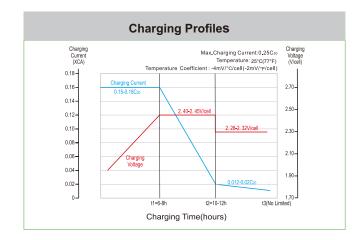- Targeting for higher level through carbon technology

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
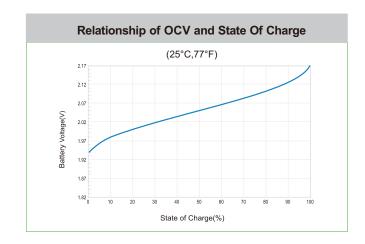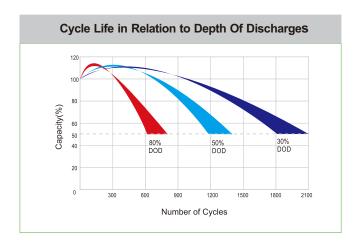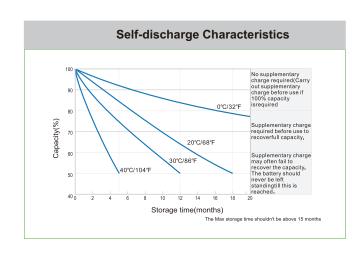- 4BS crystal paste mixing & curing technology
- Higher paste density

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