INCOMPARABLE DEEP CYCLE AGM BATTERY

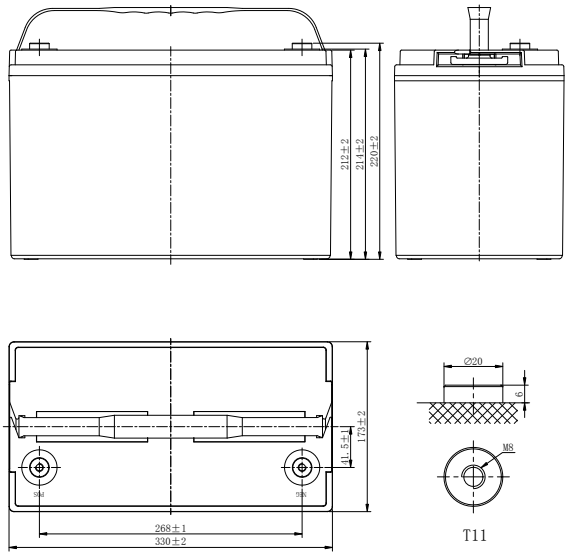
LDC12-115-G31-T (12V115Ah)

LEOCH BATTERY



CHARACTERISTICS

Item		Specifications
Voltage		12V
Dimension	Length	330mm (13.0inches)
	Width	173mm (6.81inches)
	Container Height	212mm (8.35inches)
	Total Height	220mm (8.66inches)
Approx Weight		31.4kg (69.2lbs)
Terminal		T11(M8)
Container Material		ABS
Reserve Capacity	25A	239min
	56A	80min
	75A	52min
Capacity	20HR	115Ah
	5HR	95Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)



Note: Terminal Torque Values in-lb(Nm):97.35-130.0(11.0-14.7)

APPLICATIONS

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

carbon

AGM-GEL technology

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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

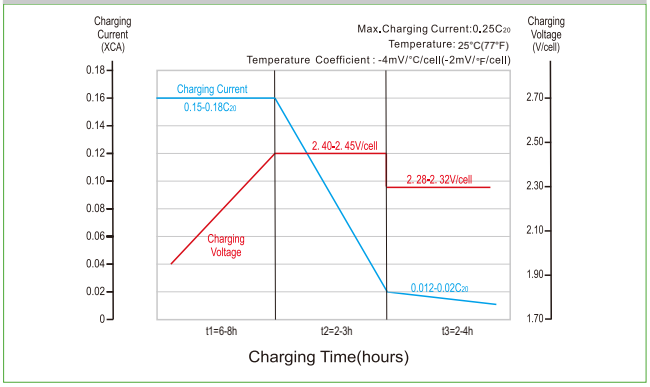
Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

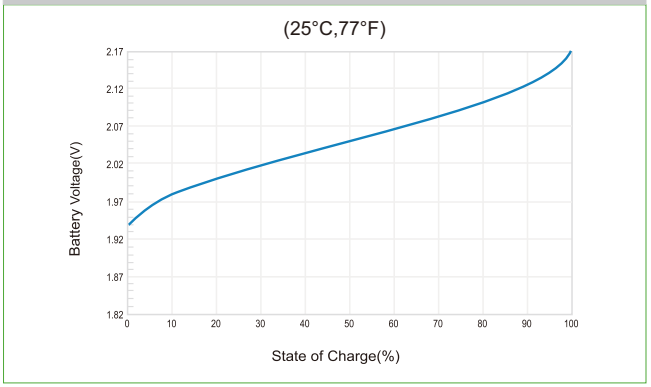
Optimize electrolyte stratification

- Introduce AGM-GEL technology

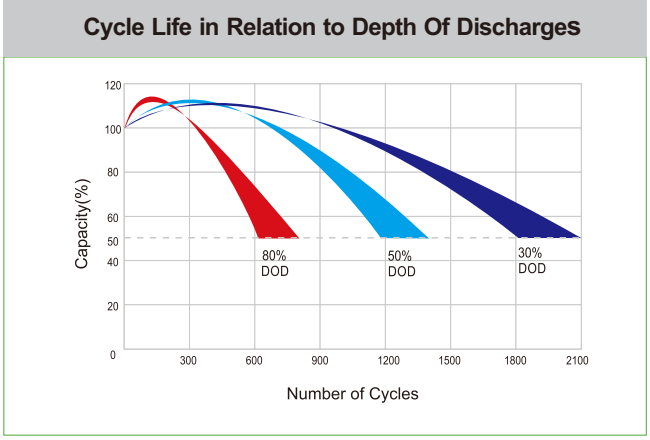
Charging Profiles



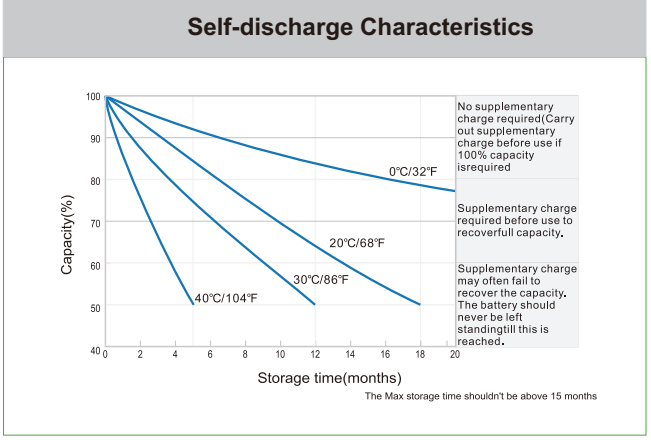
Relationship of OCV and State Of Charge



Cycle Life in Relation to Depth Of Discharges



Self-discharge Characteristics



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Data above is recommended and the picture is only for battery effect display, Leoch reserve the final right of explanation.

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