

SUPERIOR DEEP CYCLE AGM BATTERY

LDC12-145 (12V148Ah)

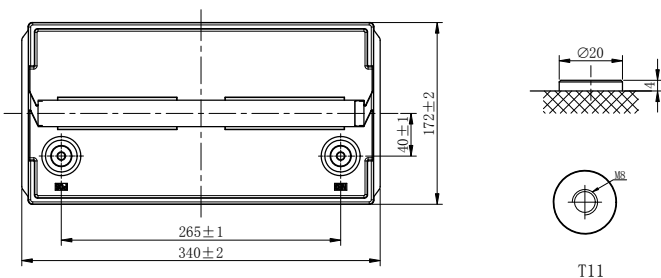
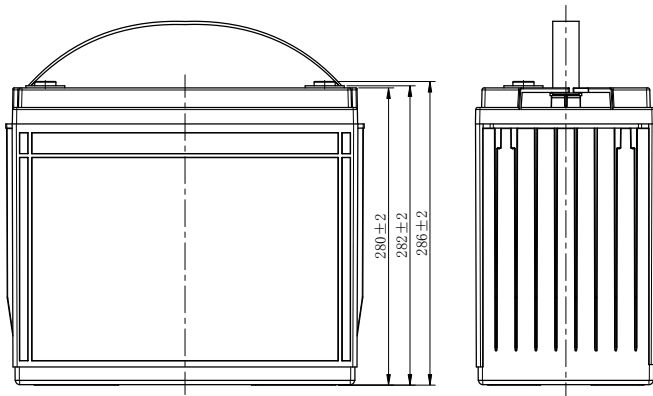


CHARACTERISTICS

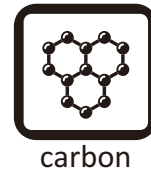
Item	Specifications	
Voltage	12V	
Dimension	Length	340mm (13.4inches)
	Width	172mm (6.77inches)
	Container Height	280mm (11.0inches)
	Total Height	286mm (11.3inches)
Approx Weight	42.47kg (93.6lbs)	
Terminal	T11(M8)	
Container Material	ABS	
Reserve Capacity	25A	308min
	56A	115min
	75A	88min
Capacity	20HR	148Ah
	10HR	141Ah
	5HR	122Ah
	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



T11



Note: Terminal Torque Values in-lb(Nm):97.28-130.0(11.0-14.7)

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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

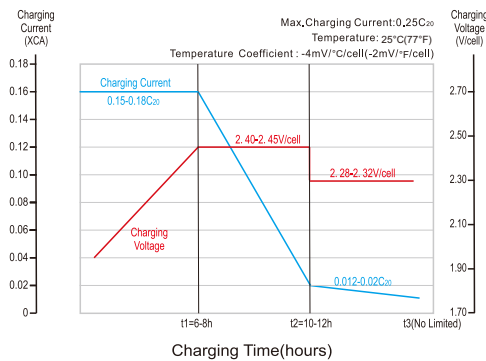
Optimize electrolyte stratification

- Introduce AGM-GEL technology

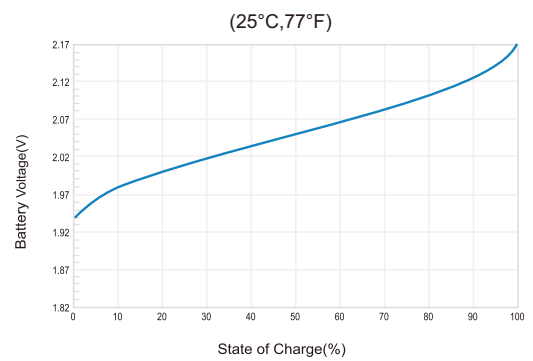
Excellent deep cycle performance

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

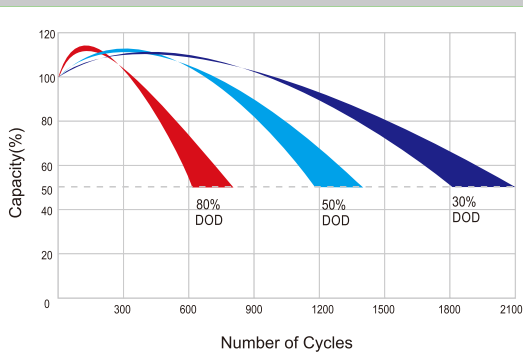
Charging Profiles



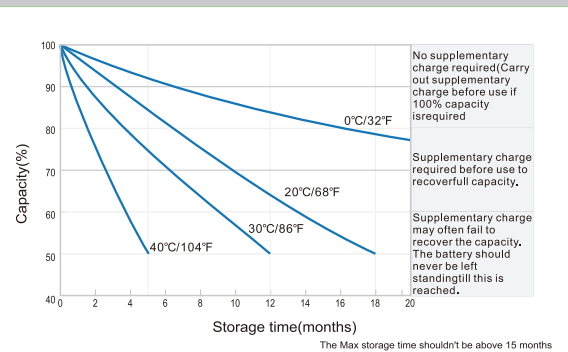
Relationship of OCV and State Of Charge



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