



# DEEP CYCLE AGM TECHNOLOGY

## LDC12-180

### FEATURES & BENEFITS

- True deep cycle AGM technology-GREEN SOLUTION
- Over 99.99% virgin lead for grid plate and active material
- Heavy duty grid/paste design for deep cycle application
- Maintenance free, non-spillable, valve-regulated
- Double separator configuration: long cycle life & High energy density and super anti-vibration design
- Low self-discharge for longer shelf life



### ELECTRICAL SPECIFICATIONS

Voltage(V)	Capacity (AH)					Reserve Capacity (Min)		
	100HR	20HR	10HR	5HR	3HR	@25A	@56A	@75A
12	194	183	174	162	150	395	155	108

### PHYSICAL SPECIFICATIONS

Model	Dimensions (mm/inches)				Weight (kg/lbs)	Terminal Type (Standard)	Case Material
	Length	Width	Height	Total Height			
LDC12-180	483 (19.02)	170 (6.69)	238.5 (9.39)	238.5 (9.39)	50.1 (110.5)	T11	ABS

Operating Temperature Range		
Discharge	Charge	Storage
-15°C ~ 50°C (5°F ~ 122°F)	0°C ~ 40°C (32°F ~ 104°F)	-15°C ~ 40°C (5°F ~ 104°F)



TS16949

ISO14001

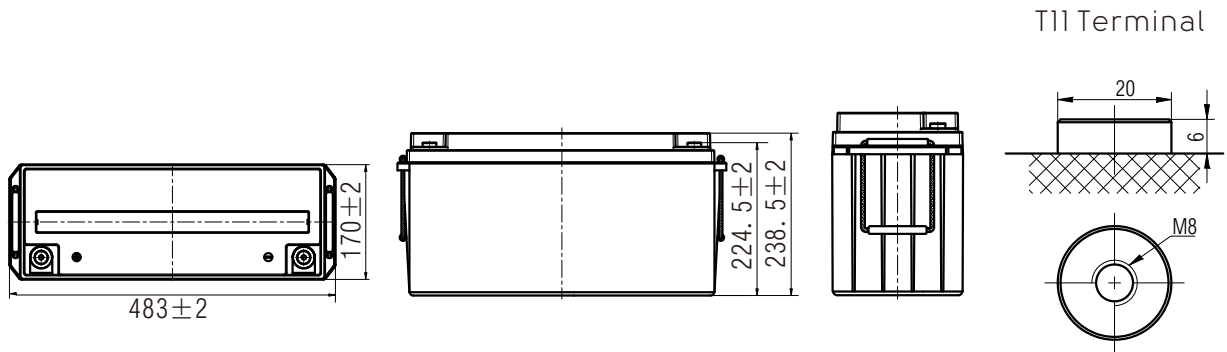
ISO9001

OHSAS18001

DEEP CYCLE AGM BATTERY

# LDC12-180

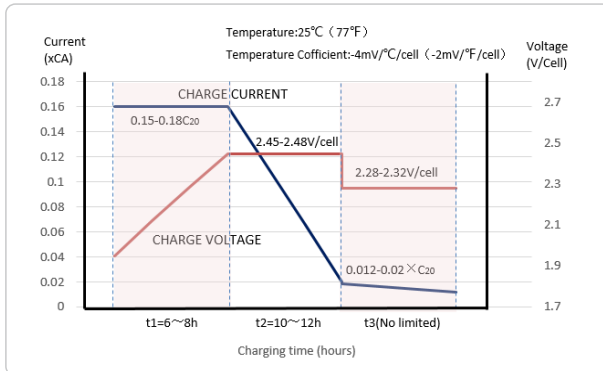
## DIMENSIONS



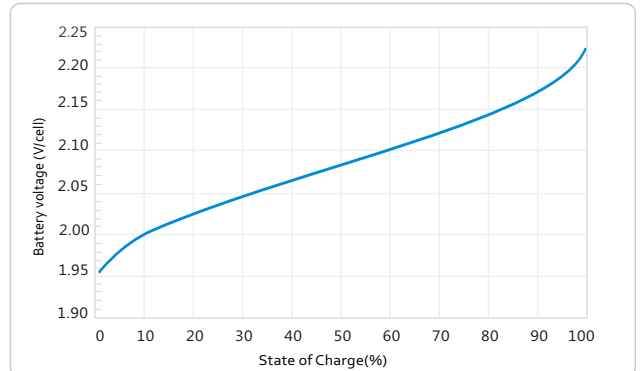
Note: Terminal Torque Values in-Ib(Nm) : 97.28-130.0(11-14.7)

## PERFORMANCE CHARACTERISTICS

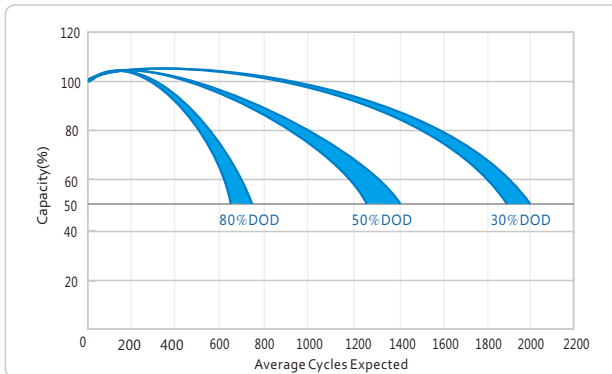
### LEOCH LDC AGM Charging Profile



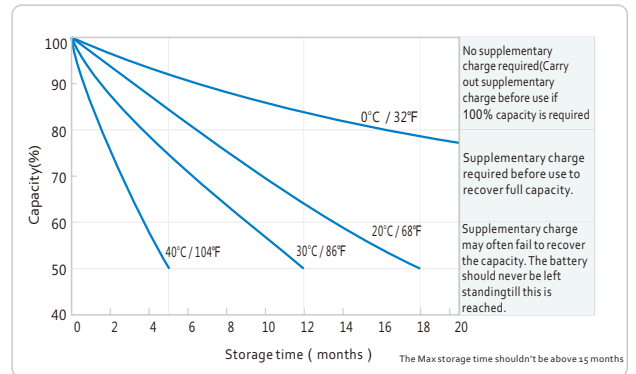
### Relationship of OCV and State Of Charge ( $25^\circ\text{C}$ , $77^\circ\text{F}$ )



### Cycle life in relation to Depth Of Discharge



### Self-discharge Characteristic



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