

# FREEDOM MARINE® DC AGM CARBON

## LDCM12 115-G31 BCIGROUP 31

### 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	130	118	113	107	98	239	95	65

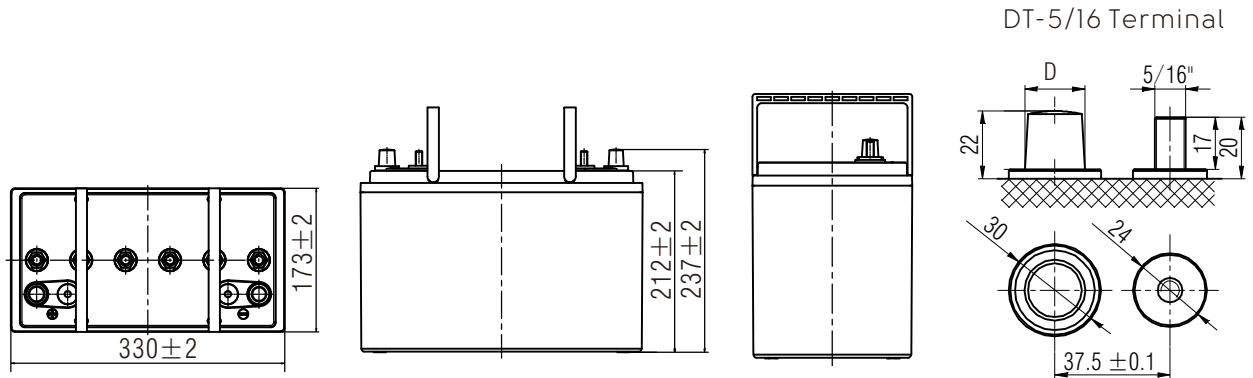
### PHYSICAL SPECIFICATIONS

Model	Dimensions (mm/inches)				Weight (kg/lbs)	Terminal Type (Standard)	Case Material
	Length	Width	Height	Total Height			
LDC12-115-G31-DT	330 (12.99)	173 (6.81)	212 (8.35)	237 (9.33)	31.7 (69.9)	DT-5/16	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)

# LDCM12-115-G31

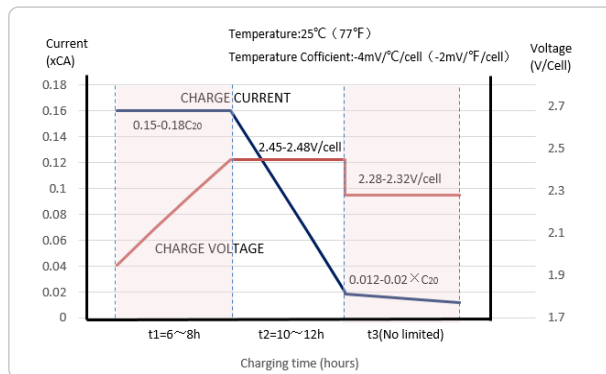
## DIMENSIONS



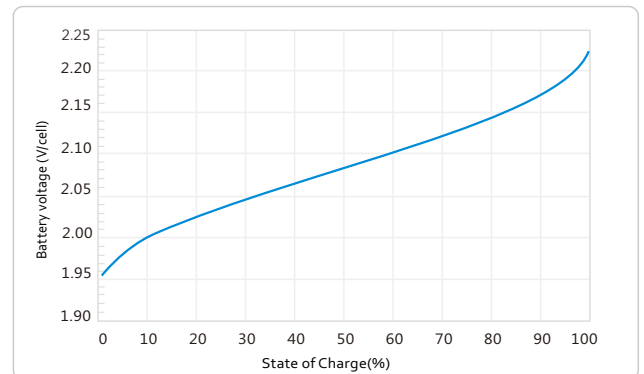
Note: D:Positive  $19.5_{-0.3}^0$ , D:Negative  $17.9_{-0.3}^0$ ; Terminal Torque Values in-lb(Nm) :176-203(20-23)

## PERFORMANCE CHARACTERISTICS

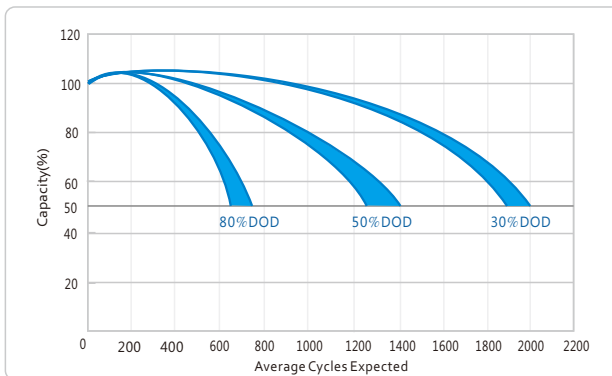
### Freedom LDCAGM Charging Profile



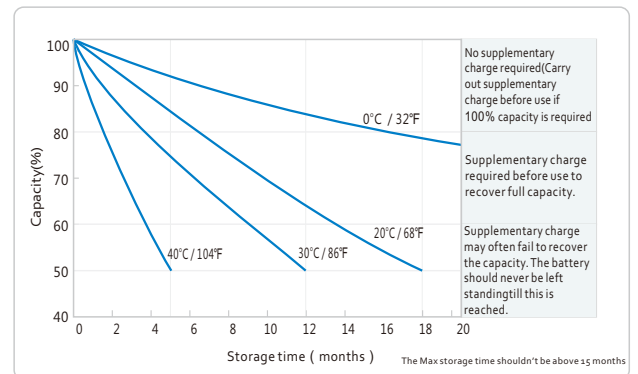
### Relationship of OCV and State Of Charge (25°C, 77°F)



### Cycle life in relation to Depth Of Discharge



### Self-discharge Characteristic



*L'énergie de votre mobilité*

Mars 2021

DEEP CYCLE AGM BATTERY