



DEEP CYCLE



LDC12-105-G27-DT

FEATURES&BENEFITS

- True deep cycle AGM-GEL technology-GREEN SOLUTION
- Over 99.99% virgin lead for grid plate
- Carbon active material
- Electrolyte + Gel for longer cycle life
- 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	115	108	104	96	90	220	80	55

PHYSICAL SPECIFICATIONS

Dimensions(mm/inches)				Weight (kg/lbs)	Terminal Type (Standard)	Case Material
Length	Width	Height	Total Height			
306/12.05	168/6.61	208/8.19	232.5/9.15	27.8/61.3	DT(5/16")	ABS

Operating Temperature Range		
Discharge	Charge	Storage
-20°C~55°C(-4°F~131°F)	0°C~40°C(32°F-104°F)	-15°C~40°C(5°F~104°F)



IATF16949

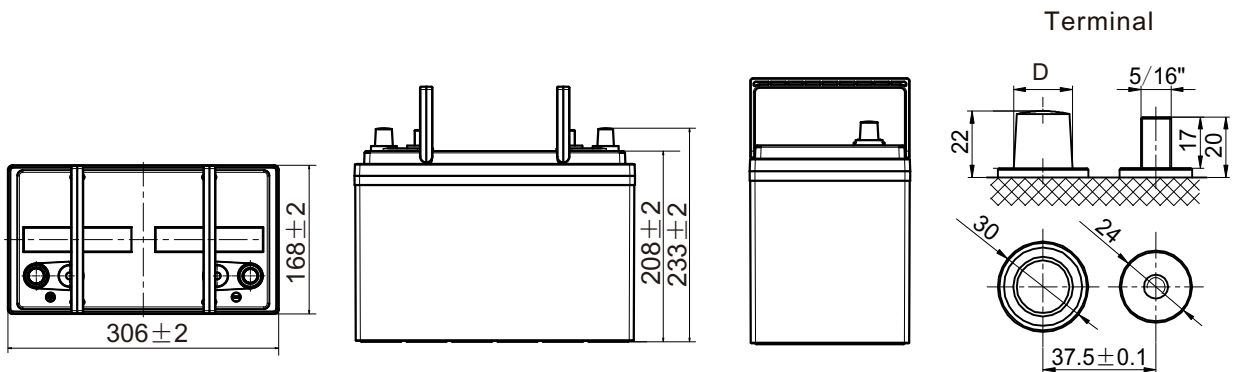
ISO14001

ISO9001

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DEEP CYCLE AGM-GEL BATTERY

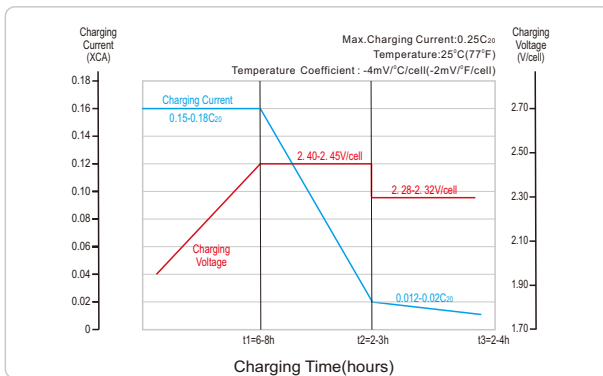
DIMENSIONS



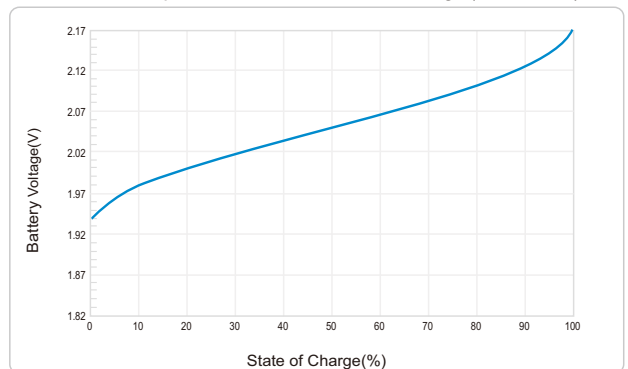
Note: D: Positive $19.5_{-0.3}^0$, D: Negative $17.9_{-0.3}^0$; Terminal Torque Values in-lb(Nm): 176-203(20-23)

PERFORMANCE CHARACTERISTICS

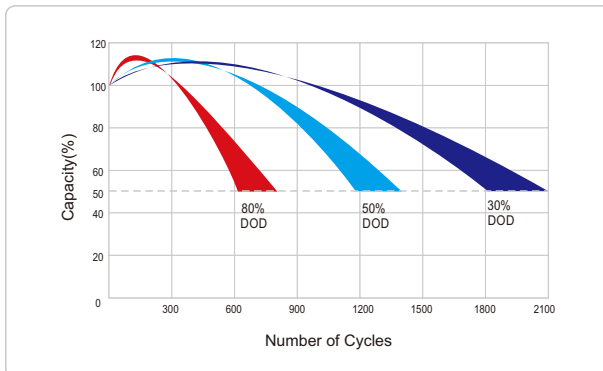
Charging Profile



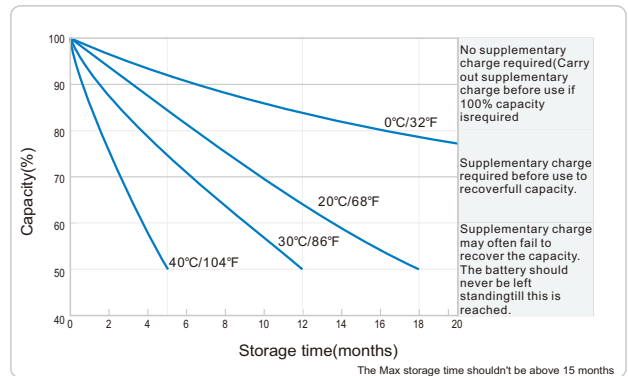
Relationship of OCV and State Of Charge ($25^\circ C, 77^\circ F$)



Cycle Life in Relation to Depth Of Discharge



Self-discharge Characteristic



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