



DEEP CYCLE



LDC12-220

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	245	220	210	190	170	470	175	120

PHYSICAL SPECIFICATIONS

Dimensions(mm/inches)				Weight (kg/lbs)	Terminal Type (Standard)	Case Material
Length	Width	Height	Total Height			
387/15.24	180/7.09	346/13.62	368/14.49	59.7/131.6	DT(3/8")	PP

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)



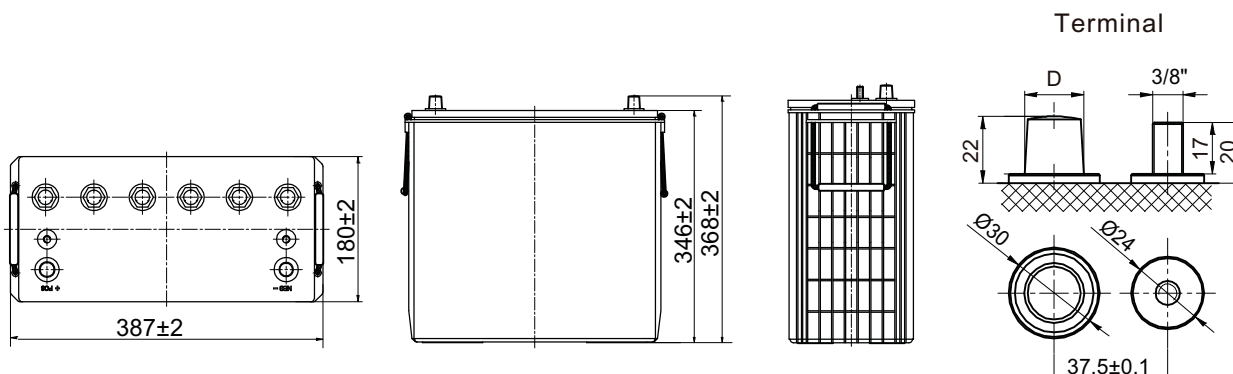
IATF16949

ISO14001

ISO9001

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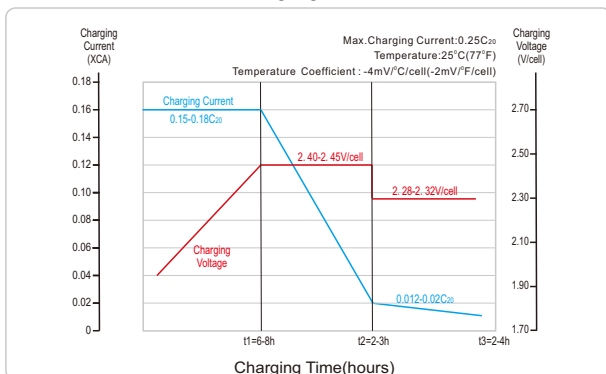
DIMENSIONS



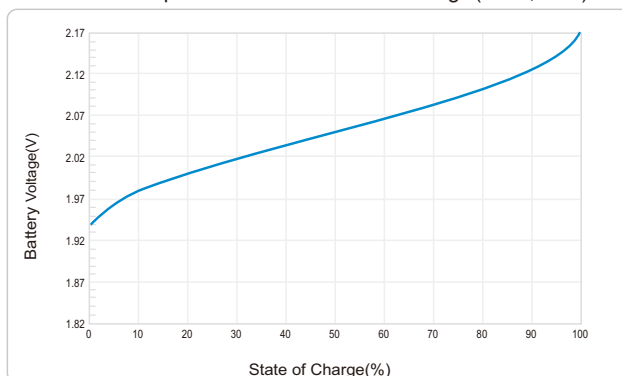
Note: D: Positive $19.5^{0}_{-0.3}$, D: Negative $17.9^{0}_{-0.3}$; Terminal Torque Values in lb(Nm): 176-203(20-23)

PERFORMANCE CHARACTERISTICS

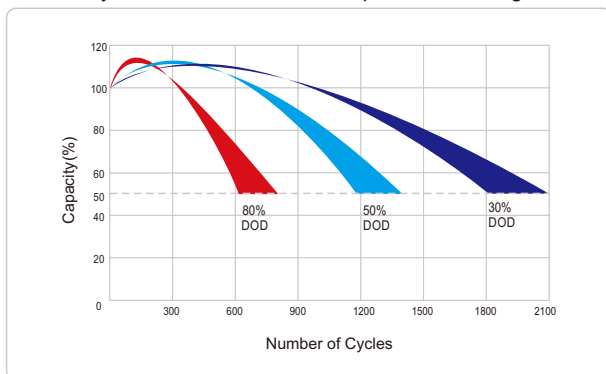
Charging Profile



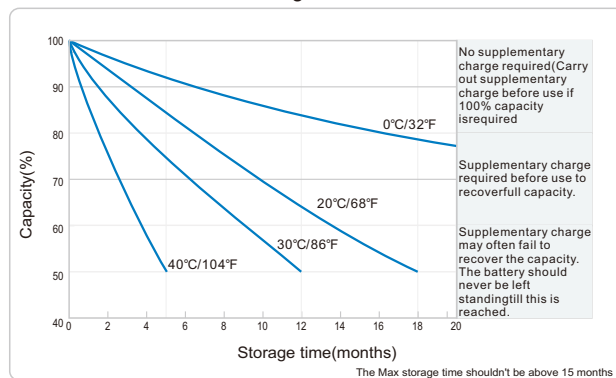
Relationship of OCV and State Of Charge($25^{\circ}\text{C}, 77^{\circ}\text{F}$)



Cycle Life in Relation to Depth Of Discharge



Self-discharge Characteristic



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