DEEP CYCLE GEL BATTERIES

LGD24-12ANE

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(1.2A	to	10.50V)	24Ah
10 hour rate	(2.4A	to	10.50V)	24Ah
5 hour rate	(4.08A	to	10.20V)	20.4Ah
3 hour rate	(6A	to	10.20V)	18Ah

Weight

Approx. 7.1kg(15.6Lbs.)

Internal Resistance at 25℃(77℉)

Approx. 8.1 mΩ

Maximum Discharge Current for

5 seconds: 360A

3-Stage Charging Methods at 25℃(77℉)

Fast Charge: Max. Charging Current:	7.2A
Topping Charge:	14.4 to 14.7V
Float Charge:	13.5 to 13.8V
Coefficient -5.0V/℃/cell	

Operating Temperature Range

Charge	-15℃(5℉)	to	40℃(104℉)
Discharge	-15℃(5℉)	to	50℃(122℉)
Storage	-15℃(5℉)	to	40℃(104℉)

Charge Retention (shelf life) at 20℃(68℉)

1 month	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 HB
Option: Flammability resistance of (UL94 V-0)

Terminal

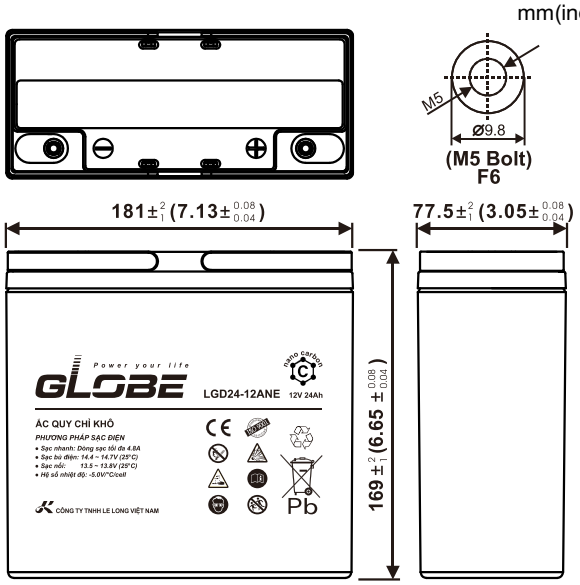
F6

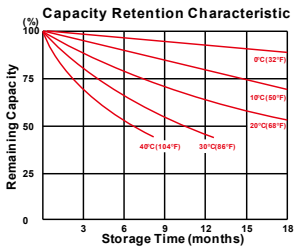
Dimensions

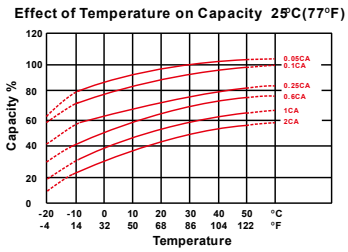
Length (L)	$181\pm^{2}_{1}(7.13\pm^{0.08}_{0.04})$
Width (W)	$77.5\pm^{2}_{1}(3.05\pm^{0.08}_{0.04})$
Height (H)	$169\pm^{2}_{1}(6.65\pm^{0.08}_{0.04})$
Overall Height (HT)	$169\pm^{2}_{1}(6.65\pm^{0.08}_{0.04})$

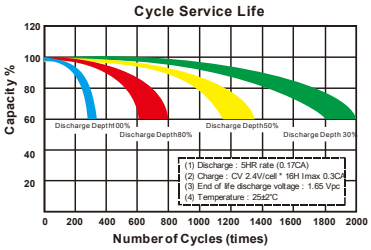
Recommended torque value	M5: 4 N-m (41 kgf-cm)
Maximum allowable torque value	M5: 6 N-m (61 kgf-cm)

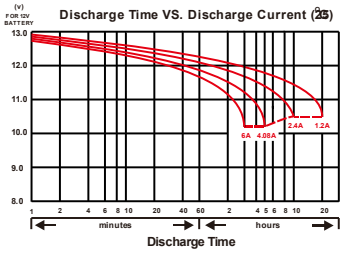
mm(inch)











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