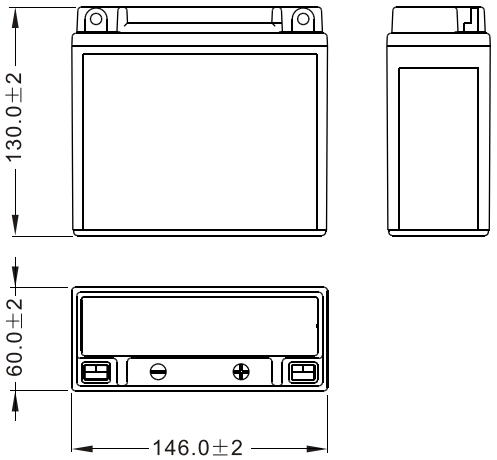
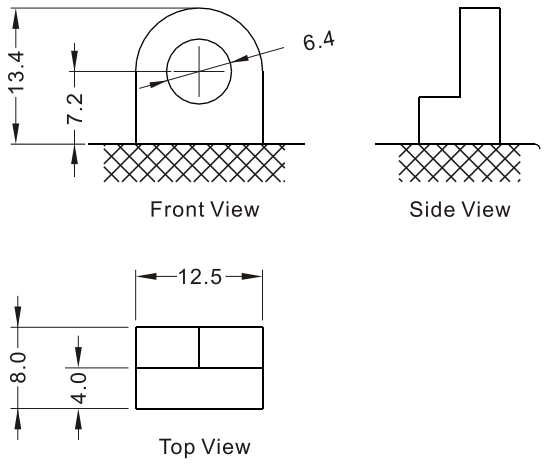
LT7D-3 [12V7Ah]

Dimensions (mm)



Standard Terminal (mm)

Terminal Type	B

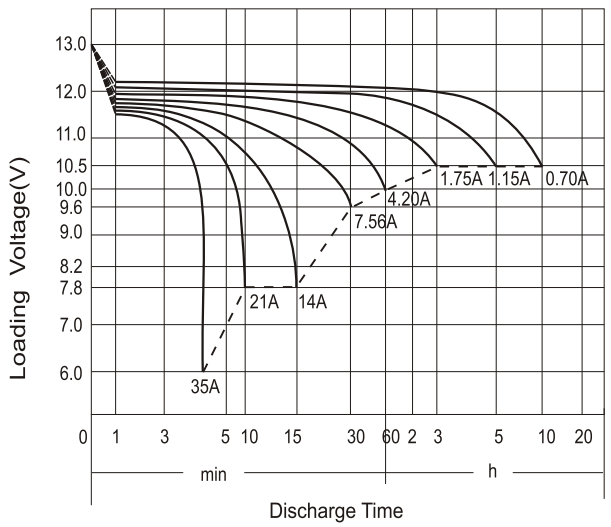


Physical Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		7Ah
Dimension	Length	146±2mm (5.75 inches)
	Width	60±2mm (2.63 inches)
	Container Height	130±2mm (5.12 inches)
	Total Height (with Terminal)	130±2mm (5.12 inches)
Weight	Battery(with acid): Approx 2.40kg (5.29lbs) Electrolyte: Approx 0.50kg (1.10lbs)	

* Sealed and non-spillable AGM battery
* Maintenance-free
* Powerful 90 cold cranking amps
* Shipped pre-charged and ready to install
* Replaces LT7DL-BS battery

Discharge Characteristics (25℃,77℉)



Electrical Specification

Rated Capacity	10 hour rate (0.70 A)	7.00Ah
	5 hour rate (1.15 A)	5.74Ah
	2 hour rate (2.45 A)	4.90Ah
	1 hour rate (4.20 A)	4.20Ah
	0.5 hour rate (7.56 A)	3.78Ah
Capacity affected by Temperature	40 ℃ (104 ℉)	106%
	25 ℃ (77 ℉)	100%
	0 ℃ (32 ℉)	86%
	-15 ℃ (5 ℉)	65%
Charging Methods	Full Charge	Constant-Voltage Charge: Initial charging current: less than 2.1A Voltage: 14.40 V ~ 15.00 V at 25 ℃ (77 ℉) Charging time: 15 ~18h Constant-Current Charge: Charging current: 0.1C_{10}=0.70A, when charging voltage up to 14.40V, continue to charge 4h
	Floating Charge	No limit on Initial charging current Voltage: 13.50 V ~ 13.80 V at 25 ℃ (77 ℉)