

Great Power

SEALED LEAD-ACID BATTERIES



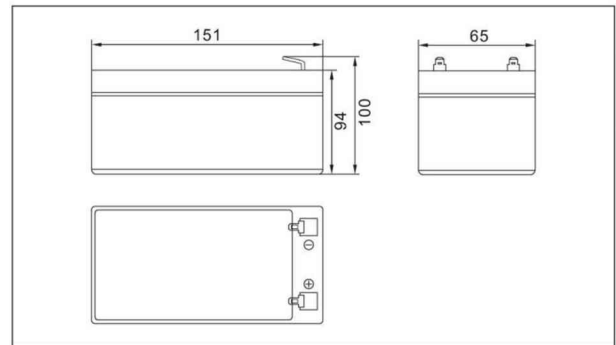
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		6.0Ah
Dimensions	Total Height	100mm (3.94 inches)
	Height	94mm (3.70 inches)
	Length	151mm (5.94 inches)
	Width	65mm (2.56 inches)
Weight Approx		1.95kg

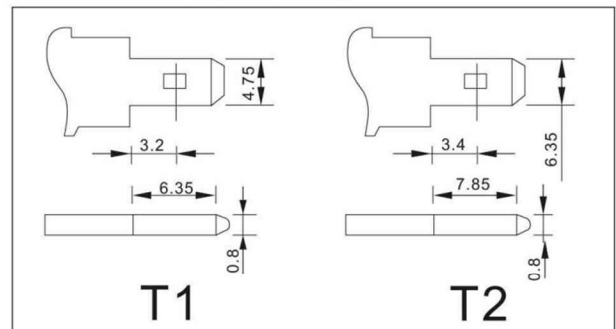
Characteristics

Capacity 25°C(77°F)	20 hour rate(0.30A)	6.00 AH
	10 hour rate(0.55A)	5.50 AH
	5 hour rate(1.02A)	5.10 AH
	1 hour rate(3.60A)	3.60 AH
	1.5 hour discharge to 5.25 V	2.4 A
Internal Resistance	Full charged Battery at 25°C(77°F)	40 mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal	T1 or T2	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 1.80A Voltage 14.40-15.00V
	Float	Voltage 13.50-13.80V

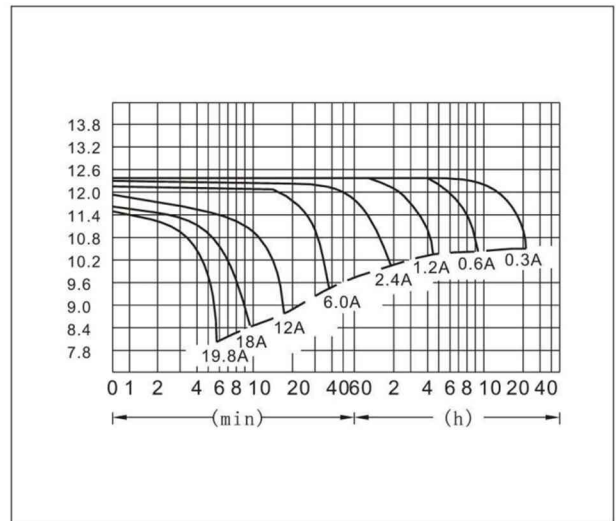
Outer dimensions (mm)



Terminal Type (mm)



Discharge Curves 25°C(77°F)



Constant Current Discharge Characteristics Unit:Amperes(25°C, 77°F)

F. V/T	5min	10min	15min	30min	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	21.4	13.8	10.4	6.99	3.72	2.10	1.55	1.21	1.05	0.68	0.58	0.310
10.20V	21.1	13.6	10.2	6.88	3.66	2.07	1.53	1.19	1.04	0.67	0.57	0.305
10.50V	20.7	13.4	10.1	6.77	3.60	2.03	1.50	1.17	1.02	0.66	0.56	0.300
10.80V	20.0	12.9	9.7	6.54	3.48	1.97	1.45	1.13	0.99	0.63	0.54	0.290
11.10V	19.4	12.5	9.4	6.32	3.36	1.90	1.40	1.09	0.95	0.61	0.52	0.280

Constant Power Discharge Characteristics Unit:Watts(25°C, 77°F)

F. V/T	5min	10min	15min	30min	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	228	163	118	76.2	40.0	24.1	18.0	14.5	12.4	8.1	6.70	3.70
10.20V	220	157	113	75.5	39.5	23.7	17.7	14.3	12.2	8.0	6.65	3.65
10.50V	211	150	107	74.8	39.0	23.3	17.4	14.1	12.0	7.9	6.60	3.60
10.80V	200	142	100	73.3	38.0	22.7	17.0	13.4	11.6	7.8	6.50	3.50
11.10V	186	134	93	72.0	37.0	22.1	16.5	13.1	11.2	7.7	6.40	3.40