

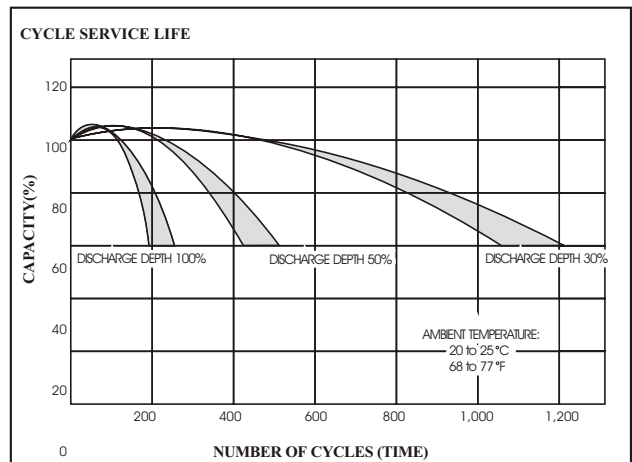
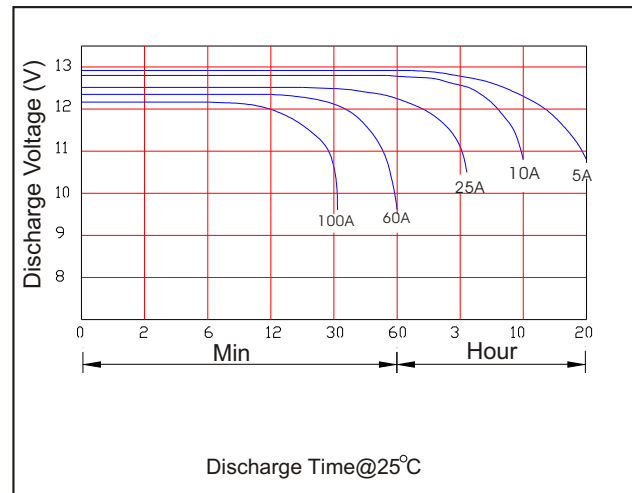
Specification

Nominal Voltage	12V	
Rated Capacity (20 hour rate)	100Ah	
Dimensions	Length	394mm(15.56inches)
	Width	110mm(4.33inches)
	Height	285mm(11.23inches)
	Total Height	285mm(11.23inches)
Weight	Approx. 33Kg(72.6lbs)	

Characteristics

Capacity* 77°F(25°C)	24 hour rate (4.37A)	102Ah
	10 hour rate (9.6A)	96Ah
Internal Resistance(full charged battery 77°F(25°C))		4.8mOhm
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
Charging (Constant Voltage)	Cycle use	Initial Current 20A (Recommended), Voltage 14.5~14.9V/ 77°F(25°C)
	Float use	Voltage 13.5V/ 77°F(25°C)
Terminal		T9

Discharge Characteristics



Amperes per cell @ 25°C

End V Per Cell	5M	10M	15M	30M	1h	3h	5h	10h	24h
1.75V	266 A	195 A	155 A	98.0 A	58.8 A	25.2 A	16.5 A	9.60A	4.37 A
1.80V	240 A	181 A	148 A	95.0 A	57.6 A	24.5 A	16.2 A	9.20 A	4.10 A
1.85V	172 A	139 A	118 A	87.4 A	52.1A	23.6 A	15.3 A	8.60 A	4.08 A

Watt per cell @ 25°C

End V Per Cell	5M	10M	15M	30M	1h	3h	5h	10h	24h
1.75V	476 W	358 W	284 W	164 W	112 W	48.9 W	32.3 W	18.2 W	8.2 W
1.80V	427 W	333 W	267 W	156 W	110 W	48.2 W	31.8 W	17.9 W	8.2 W
1.85V	342 W	276 W	233 W	142 W	105 W	46.6 W	29.8 W	17.1 W	7.7 W