

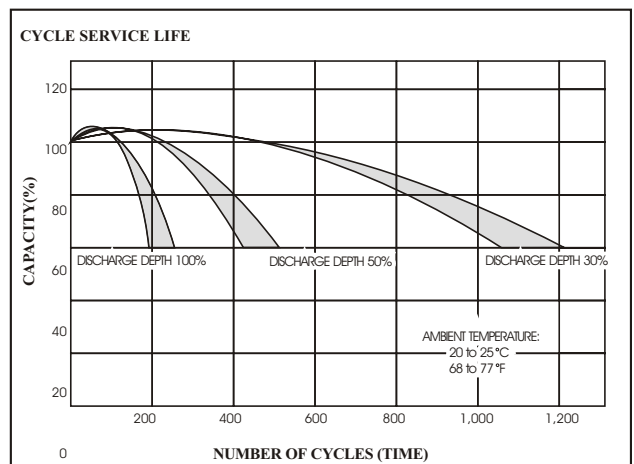
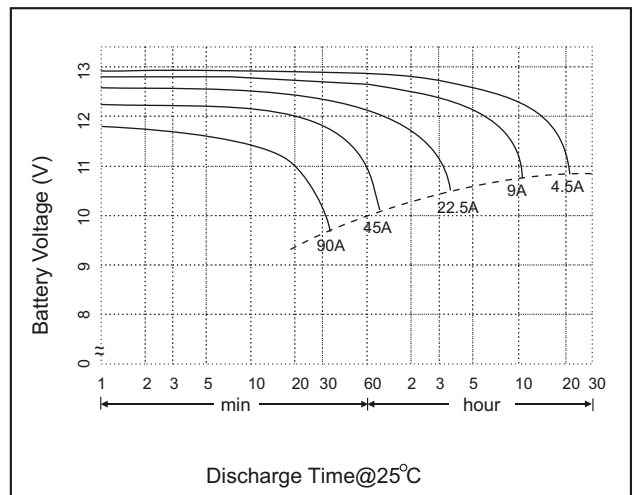
Specification

Nominal Voltage	12V	
Rated Capacity (10 hour rate)	90Ah	
Dimensions	Length	508mm(20inches)
	Width	110mm(4.33inches)
	Height	224mm(8.82inches)
	Total Height	238mm(9.37inches)
Weight	Approx. 31.00Kg(68.2lbs)	

Characteristics

Capacity* 77°F(25°C)	24 hour rate (4.18A)	100Ah
	10 hour rate (9.1A)	91Ah
Internal Resistance(full charged battery 77°F(25°C))	5.1mOhm	
Capacity affected by Temperature (10 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 18A (Recommended) Voltage 14.5~14.9V/ 77°F(25°C)
	Float use	Voltage 13.6~13.8V 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	246 A	180 A	145 A	94.5 A	57.6 A	23.6 A	16.1 A	9.10A	4.18 A
1.80V	217 A	166 A	135 A	88.2 A	55.8 A	23.4 A	15.7 A	8.80 A	4.10 A
1.85V	180 A	142 A	123 A	82.8 A	53.1 A	22.0 A	14.4 A	8.50 A	3.98 A

Watt per cell @ 25°C

End V Per Cell	5M	10M	15M	30M	1h	3h	5h	10h	24h
1.75V	591 W	415 W	325 W	203 W	119 W	47.1 W	30.5 W	17.4 W	7.72 W
1.80V	555 W	397 W	314 W	199 W	118 W	46.5 W	30.1 W	17.2 W	7.66 W
1.85V	510 W	375 W	300 W	194 W	116 W	45.8 W	29.7 W	17.0 W	7.63 W