



BATTERY TYPE : SIN12-12 12VOLT 12AH

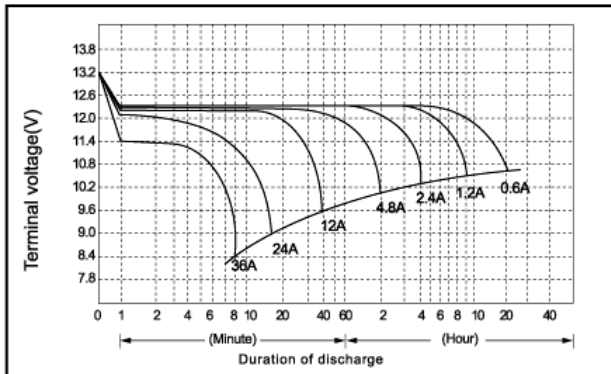
---CHARACTERISTICS---

Capacity 77°F(25°C)	20 hour rate(600mA)	12AH
	10 hour rate(1.1A)	11AH
	5 hour rate(2.0A)	10.2AH
	1 hour rate(7.2A)	7.2AH
	15 min rate(22.2A)	5.55AH
Internal Resistance	Full charged Battery 77°F(25°C)	15mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	86%
	5°F(-15°C)	66%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	60A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C)(<3A)
	Float	13.6V~13.8V/77°F(25°C)

Constant Wattage Discharge (Watts/battery (25°C))

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	276.8	218.2	115.2	73.8	33.9	22.2	15.2	12.6	6.5
1.80V	346.7	253.9	129.3	78.6	33.9	22.2	15.2	12.6	6.7
1.75V	370.0	257.6	130.9	80.5	36.5	23.6	15.7	13.1	7.1
1.70V	385.0	266.5	135.8	84.0	36.5	23.8	16.1	13.2	7.1
1.60V	421.9	284.6	140.6	84.4	36.6	23.8	16.1	13.5	7.2

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

