



BATTERY TYPE : SIN12-5 12VOLT 5AH

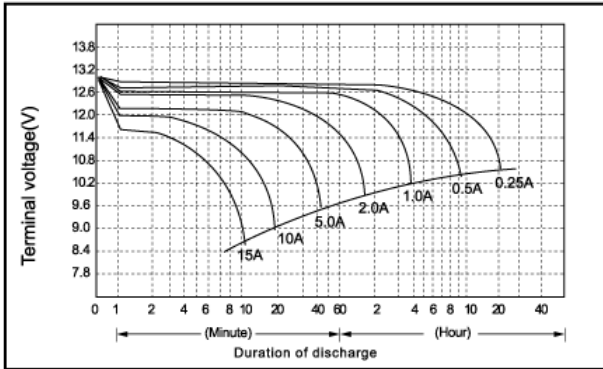
---CHARACTERISTICS---

Capacity 77°F(25°C)	20 hour rate(250mA)	5AH
	10 hour rate(470mA)	4.7AH
	5 hour rate(860mA)	4.3AH
	1 hour rate(3A)	3AH
	15 min rate(8.8A)	2.2AH
Internal Resistance	Full charged Battery 77°F(25°C)	30mΩ
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)	25A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C) <1.25A
	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	115.4	90.9	48.0	30.8	14.1	9.3	6.3	5.3	2.7
1.80V	144.5	105.8	53.9	32.7	14.2	9.4	6.3	5.3	2.8
1.75V	150.0	106.4	55.2	33.6	15.2	9.6	6.6	5.4	3.0
1.70V	160.4	111.1	56.6	34.2	15.2	9.9	6.7	5.5	3.0
1.60V	175.8	119.6	58.6	35.2	15.3	9.9	6.7	5.6	3.0

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

