



**BATTERY TYPE : SIN12-1,3 12VOLT 1,3AH**

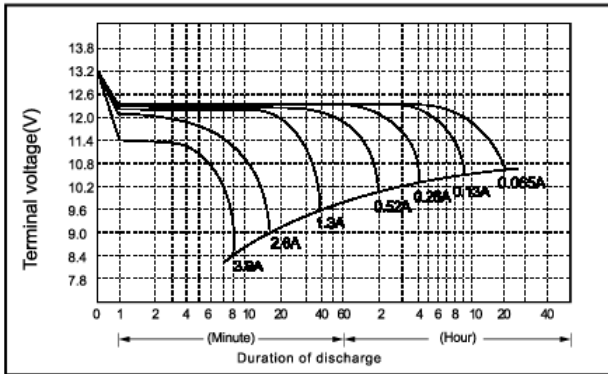
**---CHARACTERISTICS---**

Capacity 77°F(25°C)	20 hour rate(65mA)	1.3AH
	10 hour rate(121mA)	1.21AH
	5 hour rate(222mA)	1.11AH
	1 hour rate(780mA)	0.78AH
	15 min rate(2.28A)	0.57AH
Internal Resistance	Full charged Battery 77°F(25°C)	110mΩ
	104°F(40°C)	102%
Capacity affected by Temperature (20 hour rate)	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)	6.5A	
Terminal	Standard	F1
	Optional	
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C) (<320mA)
	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	30.0	23.6	12.4	8.0	3.6	2.4	1.6	1.3	0.6
1.80V	38.0	27.5	14.2	8.5	3.7	2.4	1.6	1.3	0.7
1.75V	40.0	27.6	14.3	8.7	3.9	2.5	1.7	1.4	0.7
1.70V	41.7	28.9	14.7	9.0	3.9	2.6	1.8	1.4	0.7
1.60V	45.7	31.1	15.2	9.1	4.0	2.6	1.8	1.5	0.8

**Discharge Characteristics (77°F/25°C)**



**Duration of Discharge vs. Discharge Current**

