



BATTERY TYPE : SIN12-7 12VOLT 7AH

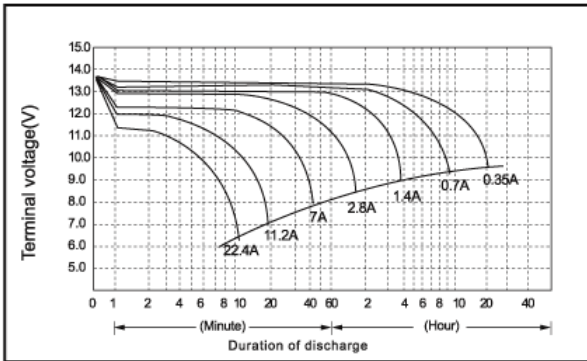
---CHARACTERISTICS---

Capacity 77°F(25°C)	20 hour rate(350mA)	7AH
	10 hour rate(650mA)	6.5AH
	5 hour rate(1.2A)	6AH
	1 hour rate(4.2A)	4.2AH
	15 min rate(12.4A)	3.1AH
Internal Resistance	Full charged Battery 77°F(25°C)	25mΩ
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	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	35A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C)(<1.75A)
	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	161.1	127.0	67.0	42.9	19.4	13.0	8.8	7.3	3.8
1.80V	211.9	147.7	75.2	45.8	19.8	13.2	8.8	7.3	3.9
1.75V	209.5	148.6	77.0	46.9	21.2	13.5	9.2	7.6	4.1
1.70V	224.1	155.1	79.1	48.9	21.2	13.8	9.4	7.7	4.2
1.60V	245.5	167.2	81.9	49.1	21.3	13.9	9.4	7.9	4.2

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

