

BATTERY TYPE : SIN12-10 12VOLT 10AH

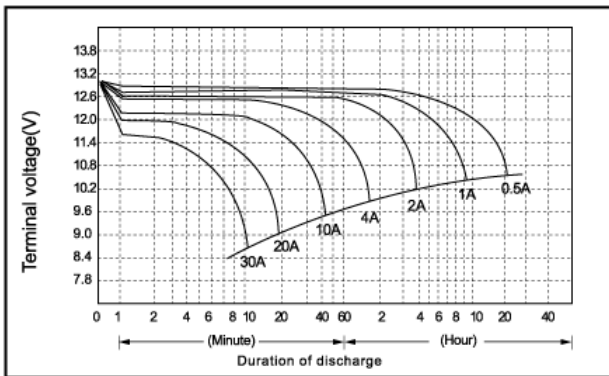
---CHARACTERISTICS---

Capacity 77°F(25°C)	20 hour rate(500mA)	10AH
	10 hour rate(930mA)	9.3AH
	5 hour rate(1.7A)	8.5AH
	1 hour rate(6A)	6AH
	15 min rate(18.5A)	4.62AH
Internal Resistance	Full charged Battery 77°F(25°C)	18mΩ
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)	50A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	14.5V~14.9/77°F(25°C)(<2.5A)
	Float	13.6~13.8V/77°F(25°C)

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

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	230.8	181.8	96	61.6	28.2	18.6	12.6	10.5	5.4
1.80V	289.0	211.5	107.7	65.4	28.3	18.8	12.6	10.5	5.5
1.75V	300.0	212.7	110.3	67.2	30.3	19.3	13.1	10.9	5.9
1.70V	320.7	222.1	113.2	69.4	30.4	19.8	13.4	11.0	5.9
1.60V	351.6	239.3	117.1	70.3	30.5	19.8	13.4	11.3	5.9

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

