



BATTERY TYPE : SIN12-40 12VOLT 40AH

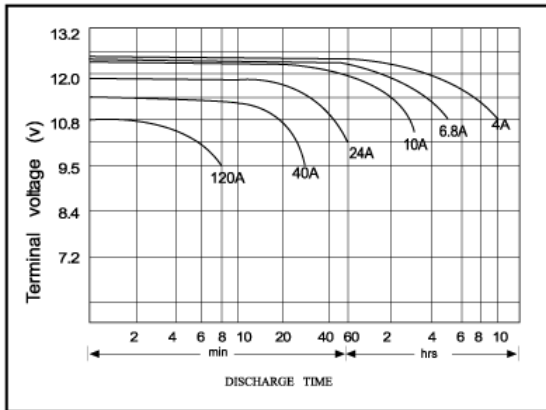
---CHARACTERISTICS---

Capacity 77°F(25°C)	10 hour rate(4A)	40AH
	5 hour rate(6.8A)	34AH
	1 hour rate(24A)	24AH
	15 min rate(66A)	16.5AH
Internal Resistance	Full charged Battery 77°F(25°C)	7.5mΩ
Capacity affected by Temperature (10 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)	120A	
Terminal	Standard	L4
	Optional	C1
Charging (Constant Voltage)	Cycle	14.5~14.9V (<8.0A)
	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	923.0	727.3	384.0	246.1	113.0	74.2	50.5	42.2	22.1
1.80V	1132.7	829.3	422.1	256.6	113.4	75.6	50.8	42.4	22.3
1.75V	1200.0	850.9	441.4	269.0	121.8	77.1	52.5	48.0	23.6
1.70V	1283.3	888.4	453.0	280.0	121.6	79.6	53.9	48.7	23.6
1.60V	1406.3	957.5	468.8	281.3	122.3	81.4	54.0	49.2	24.0

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

