



BATTERY TYPE : SIN12-70B 12VOLT 70AH

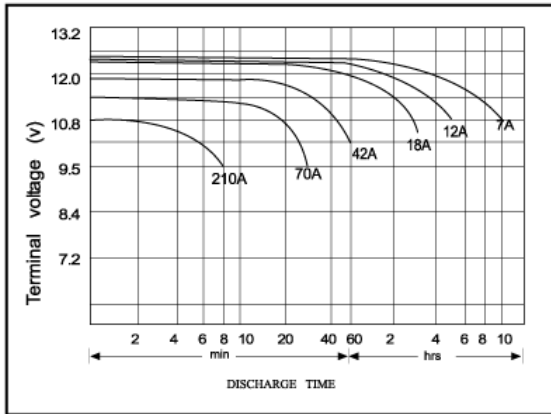
---CHARACTERISTICS---

Capacity 77°F(25°C)	10 hour rate(7A)	70AH
	5 hour rate(11.9A)	59.5AH
	1 hour rate(42A)	42AH
	15 min rate(122.4A)	30.6AH
Internal Resistance	Full charged Battery 77°F(25°C)	4.5mΩ
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)	210A	
Terminal	Standard	L8
	Optional	C2
Charging (Constant Voltage)	Cycle	14.5~14.9V (<14A)
	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	1414.5	1264.5	794.8	457.7	215.1	132.3	94.3	83.8	43.5
1.80V	1523.6	1323.6	807.5	472.8	226.8	138.5	98.0	84.5	43.6
1.75V	1627.5	1453.1	856.5	490.2	227.3	142.2	100.9	84.7	43.6
1.70V	1959.2	1673.5	873.1	495.6	227.3	142.8	104.0	86.1	43.7
1.60V	2235.4	1778.3	942.7	500.3	241.3	146.4	106.8	86.3	43.7

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

