



BATTERY TYPE : SIN12-55 12VOLT 55AH

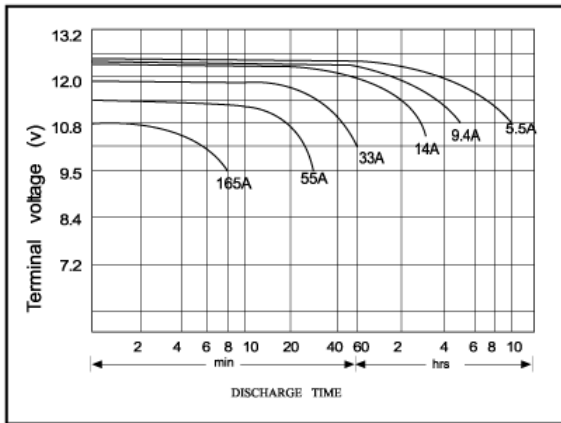
---CHARACTERISTICS---

Capacity 77°F(25°C)	10 hour rate(5.5A)	55AH
	5 hour rate(10.2A)	51AH
	1 hour rate(33.2A)	33.2AH
	15 min rate(95A)	23.75AH
Internal Resistance	Full charged Battery 77°F(25°C)	7mΩ
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)	165A	
Terminal	Standard	L6
	Optional	
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F (25°C)(<11 A)
	Float	13.6V~13.8V/77°F(25°C)

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

EW/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	1118.6	1000.0	628.7	352.7	170.1	112.4	74.1	64.8	31.0
1.80V	1204.8	1046.8	638.6	365.3	179.5	113.5	77.4	65.4	31.5
1.75V	1287.0	1149.2	677.4	374.6	181.2	115.6	79.8	65.9	33.8
1.70V	1549.4	1232.4	690.5	384.5	185.2	118.0	82.3	66.2	34.2
1.60V	1767.8	1406.2	745.5	391.8	190.9	119.5	84.5	67.3	34.4

Discharge Characteristics (77 °F/25 °C)



Duration of Discharge vs. Discharge Current

