



BATTERY TYPE : SIN12-100 12VOLT 100AH

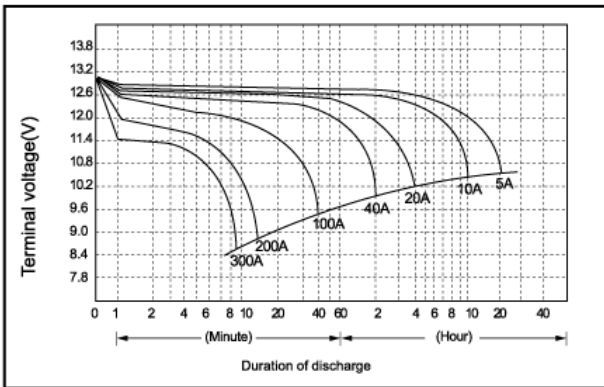
---CHARACTERISTICS---

Capacity 77°F(25°C)	10 hour rate(10A)	100AH
	5 hour rate(17A)	85AH
	1 hour rate(60A)	60AH
	15 min rate(175A)	43.75AH
Internal Resistance	Full charged Battery 77°F(25°C)	3.5mΩ
	104°F(40°C)	102%
Capacity affected by Temperature (10 hour rate)	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	66%
	Capacity after 3 month storage	91%
Self-Discharge 77°F(25°C)	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
	Max. Discharge Current 77°F(25°C)	300A
Terminal	Standard	L9
	Optional	C2
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C)(<20A)
	Float	13.6~13.8V/77°F(25°C)

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

EW/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	2033.9	1818.1	1142.9	672.5	309.2	170.5	134.7	118.6	61.0
1.80V	2190.6	1903.2	1161.0	681.3	326.3	180.0	140.8	119.3	61.3
1.75V	2340.6	2089.3	1231.5	700.2	329.3	191.0	145.0	120.0	61.5
1.70V	2817.0	2406.3	1255.4	708.0	336.7	203.6	149.6	121.9	61.7
1.60V	3214.2	2556.8	1355.4	712.4	346.9	209.7	153.6	123.8	62.5

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

