



SEALED LEAD ACID CALCIUM BATTERY DATA SHEET

MP 11.0A - 6V



Applications:

- *UPS power systems*
- *Portable Electronic Instruments*
- *Emergency Lighting Systems*
- *Mining Search Light Products*
- *Portable Camping Equipments*
- *Remote Scientific Instruments*

Electrical Specification

Capacity	Load	Duration	Final Voltage
Rated Capacity @ 25 °C (77 °F)			
11.00Ah	0.55A	20 Hours	5.25V
10.23Ah	1.02A	10 Hours	5.10V
9.35Ah	1.87A	5 Hours	5.01V
6.60Ah	6.60A	1 Hour	4.80V
5.50Ah	11.00A	0.5 Hour	4.50V

Physical Specification

Length	Width	Height	Overall Height
5.94 in	1.97 in	3.70 in	3.86 in
151 mm	50 mm	94 mm	98 mm
Internal Resistance: @25°C Fully Charged			7.0 mΩ

Weight: 1.95 Kg.
Case Material: ABS Resin

Capacity ~ Temperature

104°F(40°C)	77°F(25°C)	32°F(0°C)	5°F(-15°C)
102%	100%	85%	65%

Self Discharge

4 Mo. 20°C	8 Mo. 20°C	4 Mo. 30°C	8 Mo. 30°C
14%	26%	24%	40%

Charging - Constant Voltage

@25°C (77°F)	Standby Usage:	Cyclic Usage:
Voltage	6.8 ~ 6.9 V	7.2 ~ 7.4 V
Current	1.10~1.38A	1.10~1.38A
Current (max.)	N/A	2.20A

Life Expectancy

Standby Usage:	@25 °C	3 ~ 4 Years
Cyclic Usage:	100% Discharged	200 ~ 250 Cycles
	50% Discharged	500 ~ 600 Cycles
	30% Discharged	1,100 ~ 1,200 Cycles