



SEALED LEAD ACID CALCIUM BATTERY DATA SHEET

MP 2.8A - 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)			
2.80Ah	0.14A	20 Hours	5.25V
2.60Ah	0.26A	10 Hours	5.10V
2.38Ah	0.48A	5 Hours	5.01V
1.68Ah	1.68A	1 Hour	4.80V
1.40Ah	2.80A	0.5 Hour	4.50V

Physical Specification

Length	Width	Height	Overall Height
2.60 in	1.30 in	3.86 in	4.06 in
66 mm	33 mm	98 mm	103 mm
Internal Resistance: @25°C Fully Charged			24 mΩ

Weight: 0.6 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	0.28~0.35A	0.28~0.33A
Current (max.)	N/A	0.56A

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