

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP7-6S

Nominal Voltage (V) 6V

Nominal Capacity

20hour rate (0.35A to 5.25V)	7Ah
10hour rate (0.7A to 5.25V)	6.65Ah
5hour rate (1.19A to 5.25V)	5.95Ah
1C (7A to 4.80V)	3.15Ah
3C (21A to 4.80V)	2.45Ah

Weight 1.38kg(3.05Lbs.)

Internal Resistance (at 1KHz) 8 mΩ

Maximum Discharge Current for 30 seconds : 140A

Maximum Discharge Current for 5 seconds : 280A

Operating Temperature Range

Charge	0°C (32°F) to 40°C (104°F)
Discharge	-15°C (5°F) to 50°C (122°F)
Storage	-15°C (5°F) to 40°C (104°F)

Charge Retention (shelf life) at 20°C (68°F)

1 month	92%
3 month	90%
6 month	80%

Charging Methods at 20°C (68°F)

Cycle use:

Charging Voltage 7.20 to 7.50V
Maximum Charging Current: 2.1A

Standby use:

Float Charging Voltage 6.75 to 6.90V

Life expectancy :

Cycle Use:

- 100% depth of discharge 200 cycles
- 80% depth of discharge 225 cycles
- 50% depth of discharge 500 cycles

Standby Use: 3-5 years

Case Material ABS
(Option: 94-HB & 94V-0 flame retardant case)

Terminal F1 or F2

