

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP36-12C

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (1.8A to 10.50V)	36Ah
10hour rate (3.6A to 10.50V)	34.2Ah
5hour rate (6.12A to 10.20V)	30.6Ah
1C (36A to 9.60V)	25.2Ah
3C (108A to 9.60V)	18.0Ah

Weight approx. 11.3kg (24.86Lbs.)

Internal Resistance (at 1KHz) 4 mΩ

Maximum Discharge Current for 30 seconds : 720A

Maximum Discharge Current for 5 seconds : 1440A

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 14.4 to 15.0V
 Maximum Charging Current: 10.8A

Standby use:
 Float Charging Voltage 13.50 to 13.80V

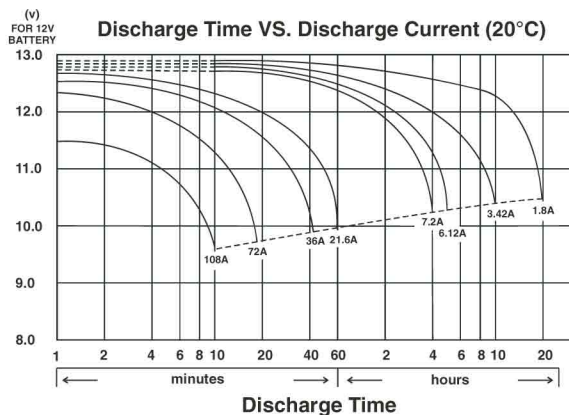
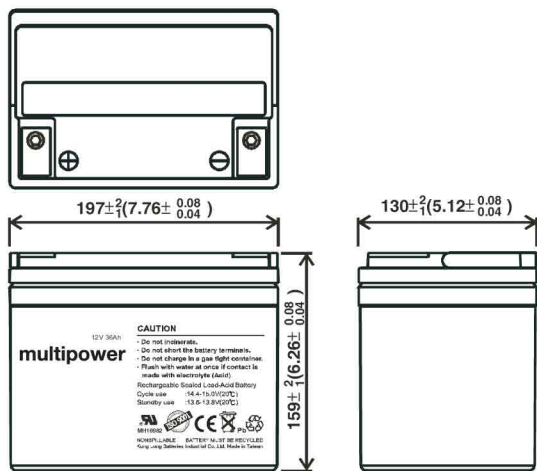
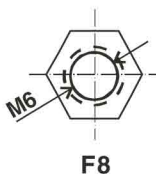
Life expectancy :
Cycle Use:
 100% depth of discharge 225 cycles
 80% depth of discharge 250 cycles
 50% depth of discharge 750 cycles

Standby Use: 3-5 years

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

Terminal F8

mm(inch)



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