



MP62-12C

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (3.1A to 10.50V)	62Ah
10hour rate (6.2A to 10.50V)	58.9Ah
5hour rate (10.5A to 10.20V)	53Ah
1C (62A to 9.60V)	41.3Ah
3C (186A to 9.60V)	24.8Ah

Weight 18.35kg (40.37lbs.)

Internal Resistance (at 1KHz) 6.8 mΩ

Maximum Discharge Current for 30 seconds : 620A

Maximum Discharge Current for 5 seconds : 1240A

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 25°C (77°F)

Cycle use:
 Charging Voltage 14.4 to 15.0V
 Maximum Charging Current: 18.6A

Standby use:
 Float Charging Voltage 13.50 to 13.80V

Life expectancy :

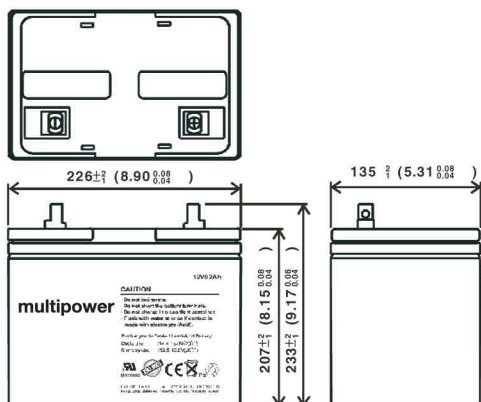
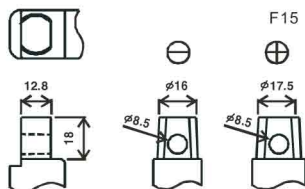
Cycle Use:
 100% depth of discharge 200 cycles
 80% depth of discharge 225 cycles
 50% depth of discharge 500 cycles

Standby Use: 3-5 years

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

Terminal F15

mm(inch)



(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)

