



MPC62-12I

Nominal Voltage(V) 12V

Nominal Capacity

10 hour rate	(6.20A	to	10.80V)	62.00Ah
5 hour rate	(10.54A	to	10.20V)	52.70Ah
1 hour rate	(37.20A	to	9.60V)	37.20Ah
1 C	(62A	to	9.60V)	35.13Ah

Weight Approx. 18.7kg (41.14Lbs.)

Internal Resistance (at 1KHz) Approx. 6.8 mΩ

Maximum Discharge Current for

5 seconds: 744A

Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	14.7 to 14.8V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current:	18.6A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
Coefficient	-3.0mV/°C/cell

Operating Temperature Range

Charge	-15°C (5°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)

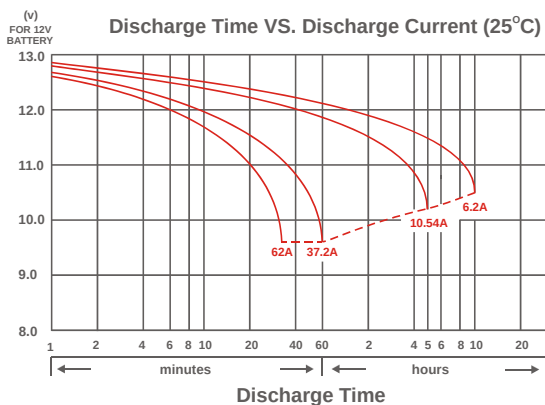
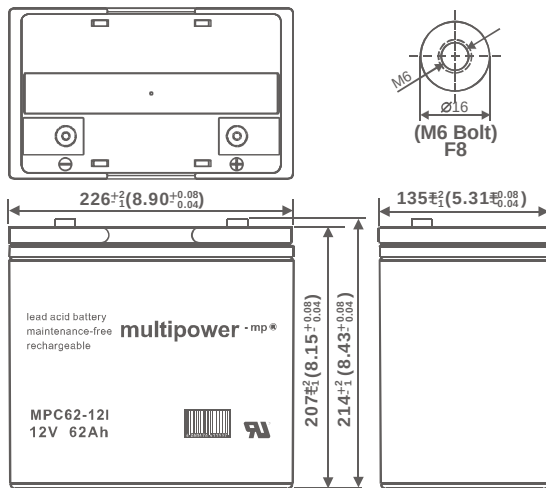
1 month	98 %
3 month	94 %
6 month	85 %

Case Material ABS UL94 HB

Terminal F8

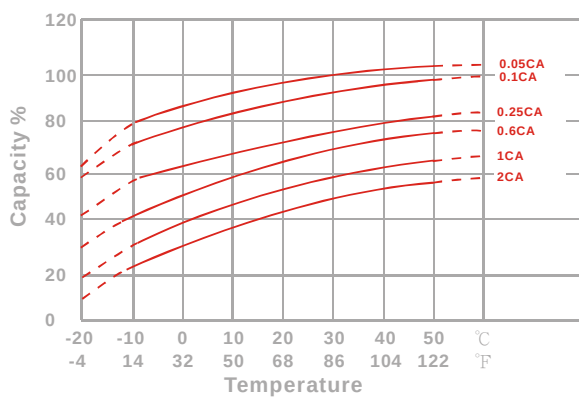
Description of torque value of hard ware for the terminals:

Recommended torque value	M6: 7 N·m (71 kgf·cm)
Maximum allowable torque value	M6: 10 N·m (102 kgf·cm)

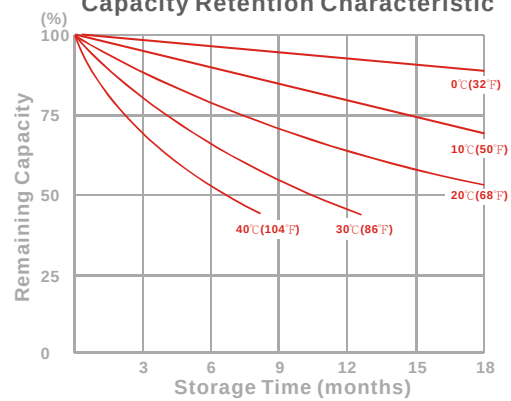


CHARACTERISTIC & PERFORMANCE DATA

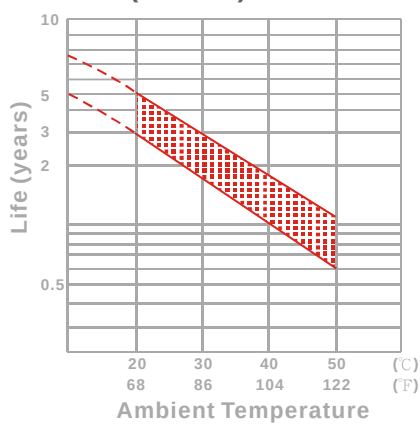
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

