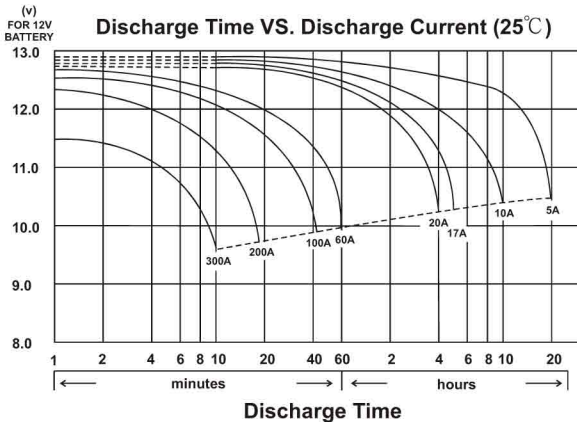
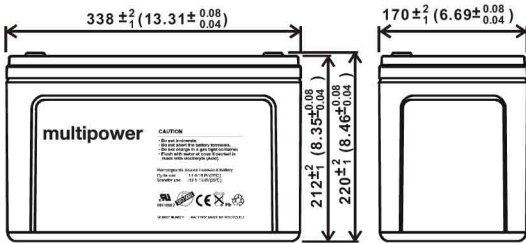
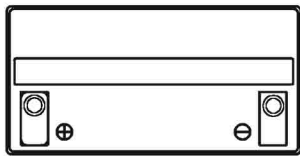




mm(inch)



MP100-12C

Nominal Voltage (V) 12V

Nominal Capacity
 20 hour rate (5A to 10.50V) 100Ah
 10 hour rate (10A to 10.50V) 100Ah
 5 hour rate (17A to 10.20V) 85Ah
 1C (100A to 9.60V) 45Ah
 3C (300A to 9.60V) 36Ah

Weight 34.23kg(75.48Lbs)

Internal Resistance (at 1KHz) 5 mΩ

Maximum Discharge Current for 30 seconds : 1000A

Maximum Discharge Current for 5 seconds : 2000A

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: 30A

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