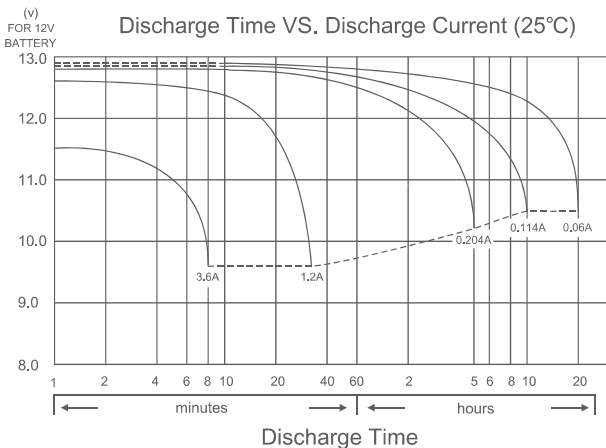
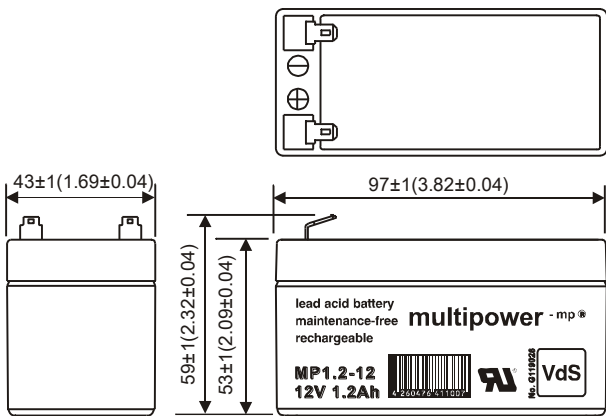
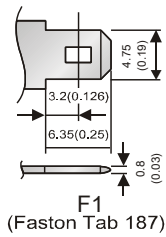


# RECHARGEABLE SEALED LEAD ACID BATTERY

# SPECIFICATION



## MP1.2-12

Nominal Voltage (V) 12V

### Nominal Capacity

20 hour rate	(0.06A	to	10.50V)	1.20Ah
10 hour rate	(0.114A	to	10.50V)	1.14Ah
5 hour rate	(0.204A	to	10.20V)	1.02Ah
1 C	(1.2A	to	9.60V)	0.68Ah
3 C	(3.6A	to	9.60V)	0.48Ah

Weight Approx. 550g (1.21lbs.)

Internal Resistance (at 1KHz) Approx. 48 mΩ

Maximum Discharge Current for 5 seconds: 18A

### Charging Methods at 25°C (77°F)

#### Cycle use:

Charging Voltage 14.70V to 14.80V  
 Coefficient -5.0mV/°C/cell  
 Maximum Charging Current : 0.36A

#### Standby use:

Float Charging Voltage 13.50V to 13.80V  
 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)

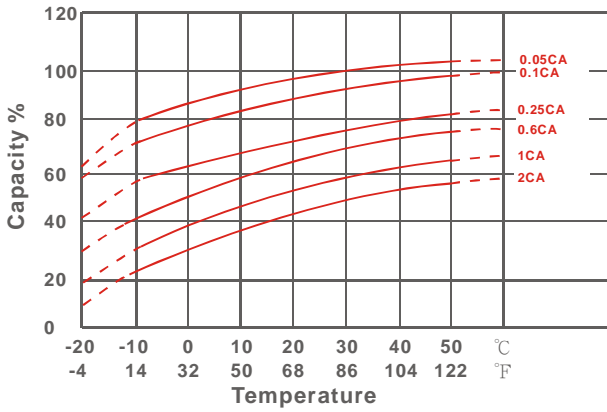
1 month 92%  
 3 month 90%  
 6 month 80%

Case Material ABS UL94 HB

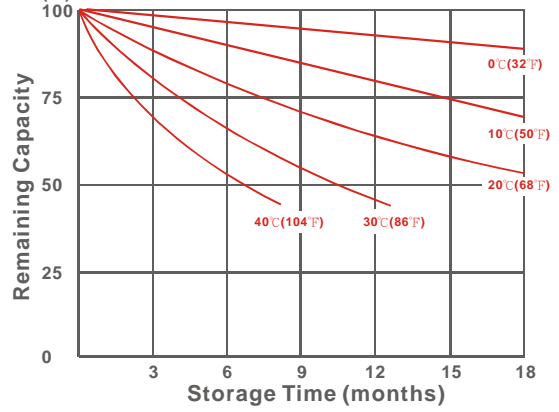
Terminal F1 (Faston Tab 187)

# CHARACTERISTIC & PERFORMANCE DATA

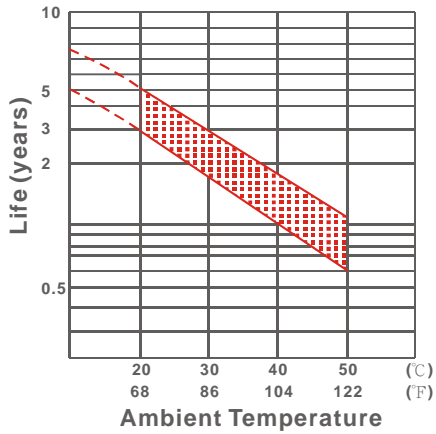
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

