



MP10-12S

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.5A to 10.50V)	10Ah
10 hour rate	(0.95A to 10.50V)	9.5Ah
5 hour rate	(1.7A to 10.20V)	8.5Ah
1 C	(10A to 9.60V)	5.667Ah
3 C	(30A to 9.60V)	4Ah

Weight Approx. 3.3kg(7.26Lbs.)

Internal Resistance (at 1KHz) Approx. 12 mΩ

Maximum Discharge Current for

5 seconds: 150A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	3.0A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
Coefficient	-3.0mv/°C/cell

Operating Temperature Range

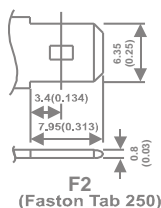
Charge	-15°C(5°F) to 40°C(104°F)
Discharge	-15°C(5°F) to 50°C(122°F)
Storage	-15°C(5°F) to 40°C(104°F)

Charge Retention (shelf life) at 20°C(68°F)

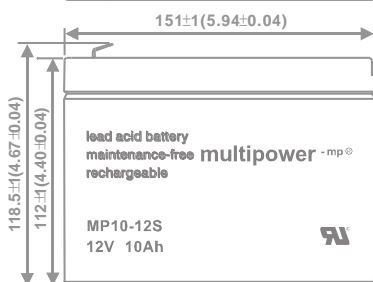
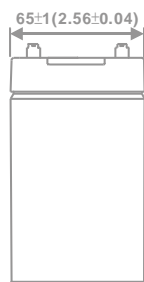
1 month	92%
3 month	90%
6 month	80%

Case Material ABS
(UL94 HB flame retardant case / cover)

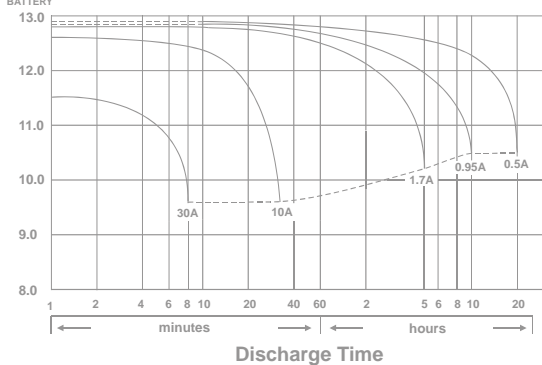
Terminal F2(Faston Tab 250)



F2
(Faston Tab 250)

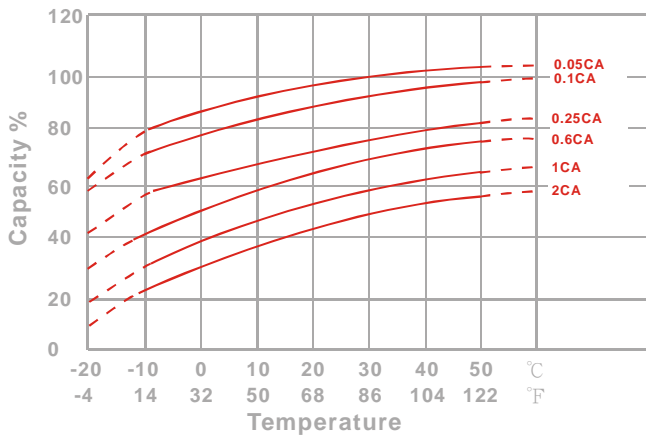


(V) FOR 12V BATTERY
Discharge Time VS. Discharge Current (25°C)

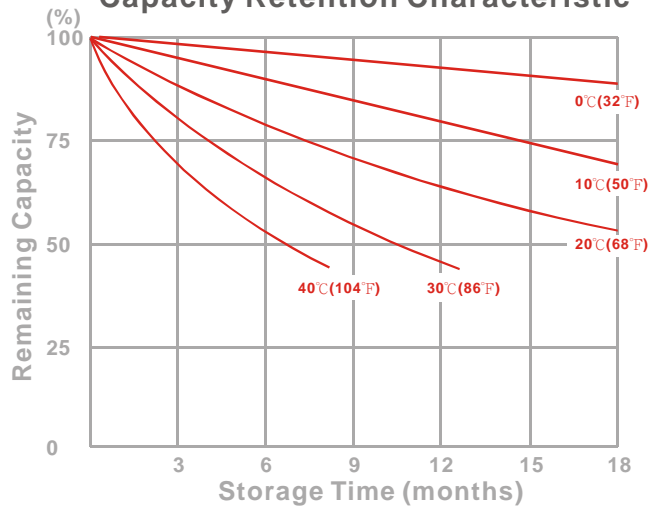


CHARACTERISTIC & PERFORMANCE DATA

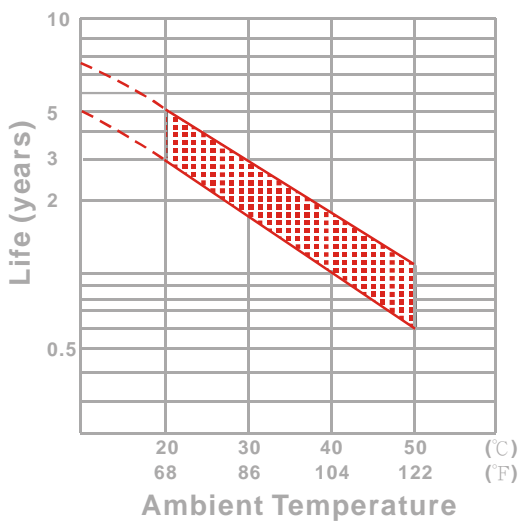
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

