



MP4,5-12

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.225A to 10.50V)	4.5Ah
10 hour rate	(0.428A to 10.50V)	4.275Ah
5 hour rate	(0.765A to 10.20V)	3.825Ah
1 C	(4.5A to 9.60V)	2.55Ah
3 C	(13.5A to 9.60V)	1.8Ah

Weight Approx. 1.62kg(3.56Lbs.)

Internal Resistance (at 1KHz) Approx. 34.2 mΩ

Maximum Discharge Current for 5 seconds: 67.5A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mv/°C/cell
Maximum Charging Current:	1.35A
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 F1(Faston Tab 187)