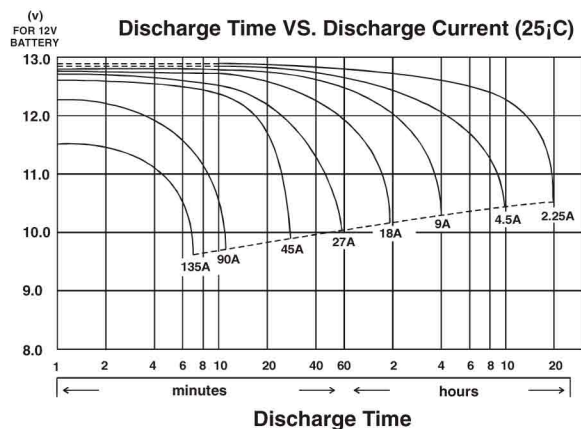
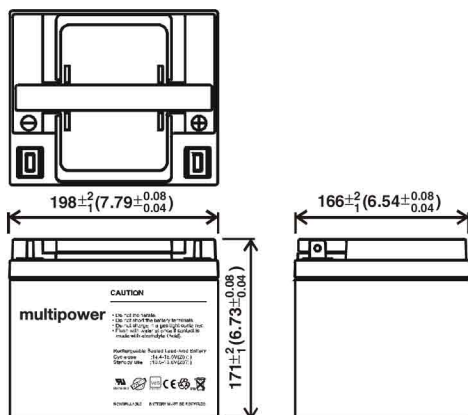
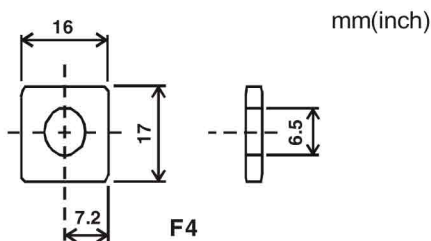


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP45-12

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (2.25A to 10.50V)	45Ah
10hour rate (4.5A to 10.50V)	45Ah
5hour rate (7.65A to 10.20V)	38.25Ah
1C (45A to 9.60V)	20.25Ah
3C (135A to 9.60V)	16.2Ah

Weight 14.109kg(31.04Lbs.)

Internal Resistance (at 1KHz) 6 mΩ

Maximum Discharge Current for 30 seconds : 900A

Maximum Discharge Current for 5 seconds : 1800A

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: 13.5A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use:

- 100% depth of discharge 200 cycles
- 80% depth of discharge 225 cycles
- 50% depth of discharge 500 cycles

Standby Use: 3-5 years

Case Material ABS
(Option: 94-HB & 94V-0 flame retardant case)

Terminal F4