



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1



WP5-12SHR

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.25A)	to	10.50V)	5Ah
10hour rate (0.5A)	to	10.50V)	4.75Ah
5hour rate (0.85A)	to	10.20V)	4.25Ah
1C (5A)	to	9.60V)	3.5Ah
3C (15A)	to	9.60V)	2.5Ah

Weight Approx. 1.96kg(4.31Lbs.)

Internal Resistance (at 1KHz) 15 mΩ

Maximum Discharge Current for 5 seconds : 135A

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 20°C (68°F)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 1.5A

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 : 3~5years

Case Material ABS

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

Terminal F1 or F2

Dimensions

