



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP12-6S

Specifications

Nominal Voltage (V) 6V

Nominal Capacity

20hour rate (0.6A	to	5.25V)	12Ah
10hour rate (1.2A	to	5.25V)	11.4Ah
5hour rate (2.04A	to	5.25V)	10.2Ah
1C (12A	to	4.80V)	6.8Ah
3C (36A	to	4.80V)	4.8Ah

Weight Approx.1.97kg(4.334Lbs.)

Internal Resistance (at 1KHz) 8 mΩ

Maximum Discharge Current for 5 seconds : 135A

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%

Charging Methods at 20°C (68°F)

Cycle use:

Charging Voltage 7.20 to 7.50V
Maximum Charging Current : 3.6A

Standby use :

Float Charging Voltage 6.75 to 6.90V

Life expectancy :

Cycle Use :

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

Standby Use : 3-5years

Case Material

ABS

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

Terminal

F1 or F2

Dimensions

