



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1



BdH
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Fachhandel für technische Batterien
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WP50-12NE

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (2.5A	to	10.50V)	50Ah
10hour rate (5A	to	10.50V)	47.5Ah
5hour rate (8.5A	to	10.20V)	42.5Ah
1C (50A	to	9.60V)	35Ah
3C (150A	to	9.60V)	25Ah

Weight Approx.14.294kg(31.45Lbs.)

Internal Resistance (at 1KHz) 5 mΩ

Maximum Discharge Current for 5 seconds : 851A

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 : 15A

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

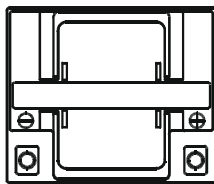
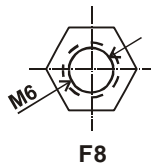
(Option : 94-HB & 94V-0 flame retardant case)

Terminal

F8

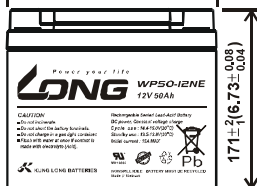
Dimensions

mm(inch)



198 ± 1 (7.79 ± 0.08 / 0.04)

166 ± 1 (6.54 ± 0.08 / 0.04)



171 ± 2 (6.73 ± 0.08 / 0.04)

