



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.3



## WP20-24E

### Specifications

Nominal Voltage (V) 24V

#### Nominal Capacity

20hour rate ( 1.0A	to	21.00V)	20Ah
10hour rate ( 2.0A	to	21.00V)	19Ah
5hour rate ( 3.4A	to	20.40V)	17Ah
1C ( 20A	to	19.20V)	14Ah
3C ( 60A	to	19.20V)	10.2Ah

Weight 12.442kg(27.37Lbs.)

Internal Resistance (at 1KHz) 18 mΩ

Maximum Discharge Current for 30 seconds : 400A

Maximum Discharge Current for 5 seconds : 800A

#### 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 28.8 to 30.0V  
Maximum Charging Current : 6A

##### Standby use :

Float Charging Voltage 27.0 to 27.60V

#### Life expectancy :

##### Cycle Use :

100% depth of discharge 225 cycles  
80% depth of discharge 250 cycles  
50% depth of discharge 750 cycles

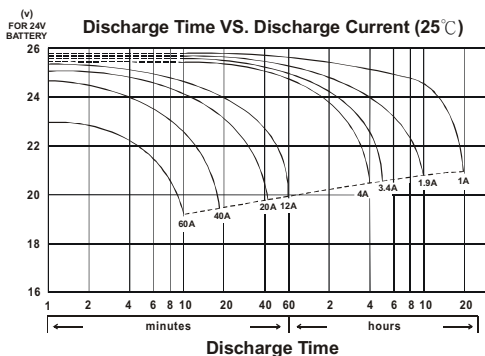
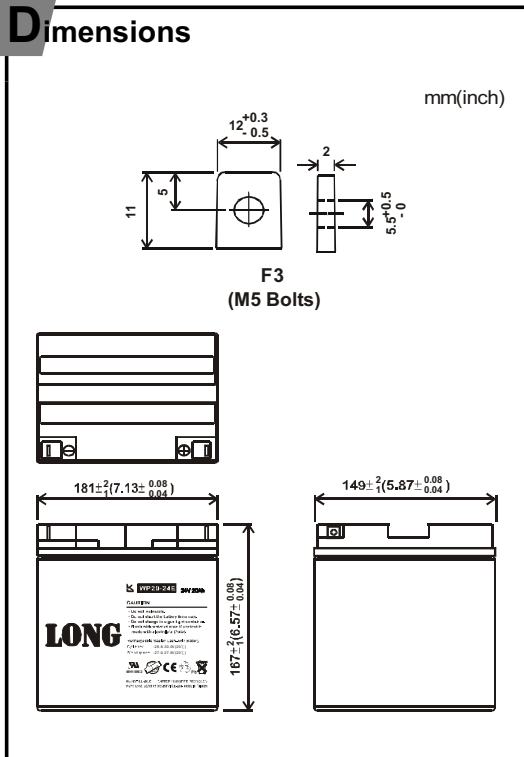
Standby Use : 3~5years

#### Case Material ABS

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

Terminal F3

### Dimensions



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