

WP18-12SHR 12Volt 18Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.9A to 10.50V)	18Ah
10 hour rate	(1.71A to 10.50V)	17.1Ah
5 hour rate	(3.06A to 10.20V)	15.3Ah
1 C	(18A to 9.60V)	11.4Ah
3 C	(54A to 9.60V)	7.2Ah

Weight **Approx. 5.6kg(12.32Lbs.)**

Internal Resistance (at 1KHz) **Approx. 10.5 mΩ**

Maximum Discharge Current for 5 seconds: **270A**

Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mv/°C/cell**

Maximum Charging Current : **5.4A**

Standby use:

Float Charging Voltage **13.5 to 13.8V**

Coefficient **-3.0mv/°C/cell**

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%**

Case Material **ABS**

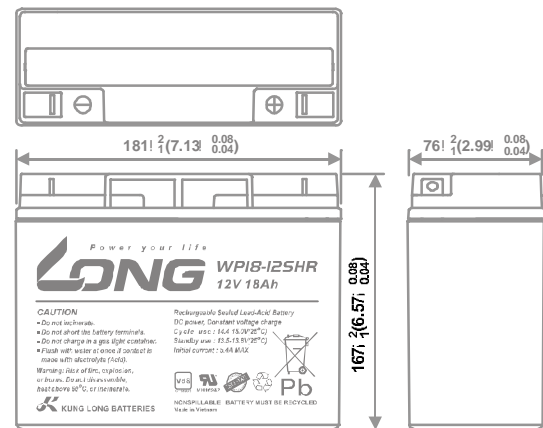
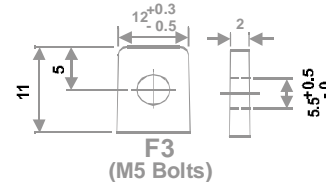
(Option: UL94 HB & UL94 V-0 flame retardant)

Terminal **F3**



Dimensions

mm(inch)



(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)

