

# WP12-6S 6Volt 12Ah

## Specifications

**Nominal Voltage(V)** **6V**

### Nominal Capacity

20 hour rate	(0.6A	to	5.25V)	12Ah
10 hour rate	(1.14A	to	5.25V)	11.4Ah
5 hour rate	(2.04A	to	5.1V)	10.2Ah
1 C	(12A	to	4.8V)	6.8Ah
3 C	(36A	to	4.8V)	4.8Ah

**Weight** **Approx. 1.84kg(4.05Lbs.)**

**Internal Resistance (at 1KHz)** **Approx. 6 mΩ**

**Maximum Discharge Current for 5 seconds:** **180A**

### Charging Methods at 25 (77 )

**Cycle use:**

**Charging Voltage** **7.20 to 7.50V**

**Coefficient -5.0mV/ /cell**

**Maximum Charging Current :** **3.6A**

**Standby use:**

**Float Charging Voltage** **6.75 to 6.90V**

**Coefficient -3.0mV/ /cell**

### Operating Temperature Range

**Charge** **-15 (5 ) to 40 (104 )**

**Discharge** **-15 (5 ) to 50 (122 )**

**Storage** **-15 (5 ) to 40 (104 )**

### Charge Retention (shelf life) at 20 (68 )

**1 month** **92%**

**3 month** **90%**

**6 month** **80%**

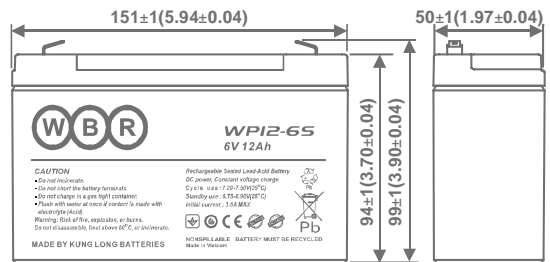
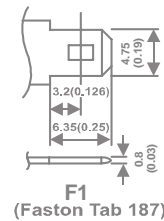
**Case Material** **ABS UL94 HB**

**Terminal** **F1 (Faston Tab 187)**

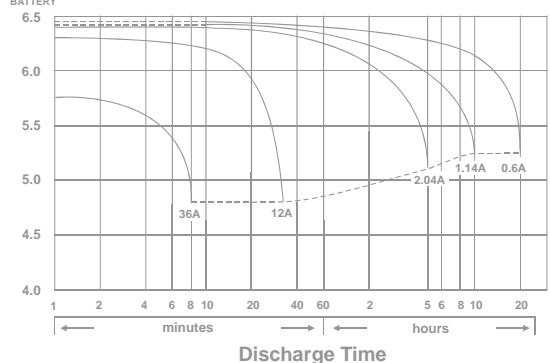


## Dimensions

**mm(inch)**

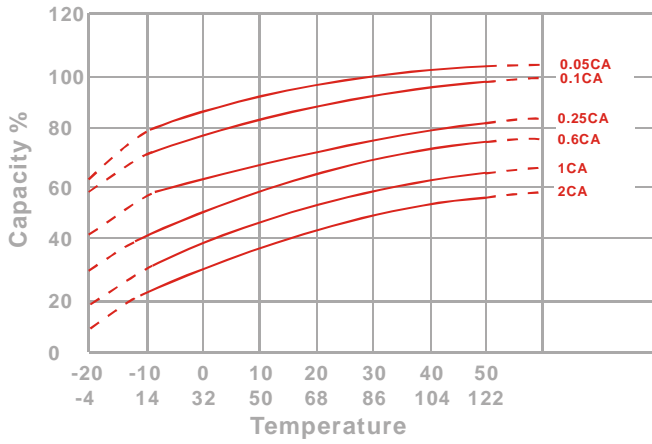


### Discharge Time VS. Discharge Current (25 )

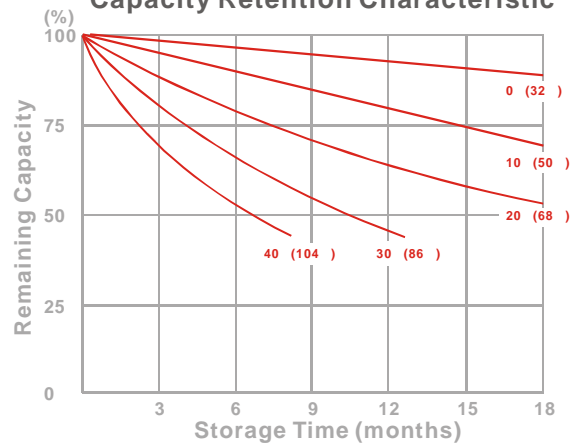


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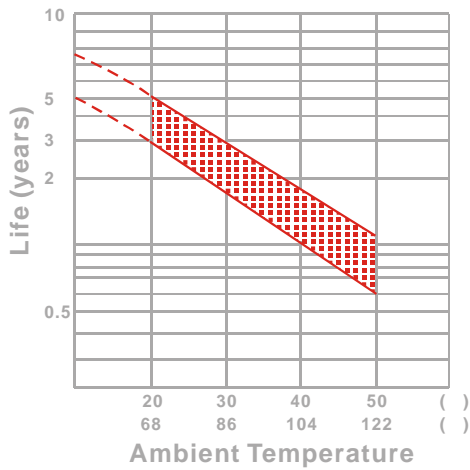
**Effect of Temperature on Capacity 25 (77 )**



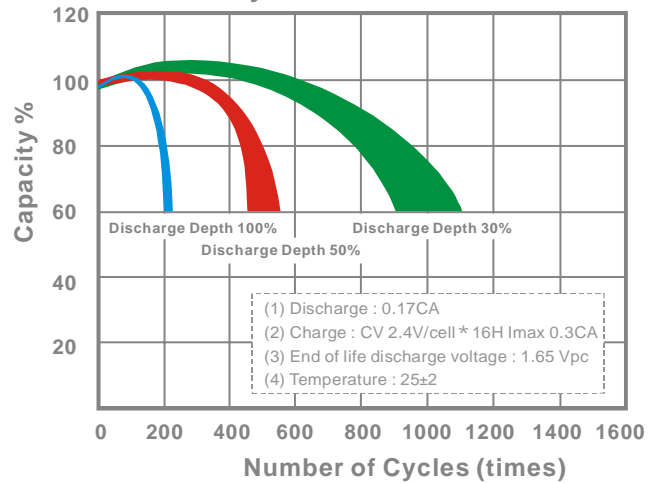
**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**



090317-1A-UKR0001