



# WP45-12

## Specifications

<b>Nominal Voltage (V)</b>	12V
<b>Nominal Capacity</b>	
20hour rate ( 2.25A to 10.50V )	45Ah
10hour rate ( 4.5A to 10.50V )	42.75Ah
5hour rate ( 7.65A to 10.20V )	38.25Ah
1C ( 45A to 9.60V )	20.25Ah
3C ( 135A to 9.60V )	15.75Ah

**Weight** Approx. 14.79kg(32.54Lbs.)

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

**Maximum Discharge Current for 30 seconds :** 900A

**Maximum Discharge Current for 5 seconds :** 1800A

**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 : 13.5A  
**Standby use :**  
 Float Charging Voltage 13.50 to 13.80V

**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** F4

## Dimensions

