

## KPH100-12N

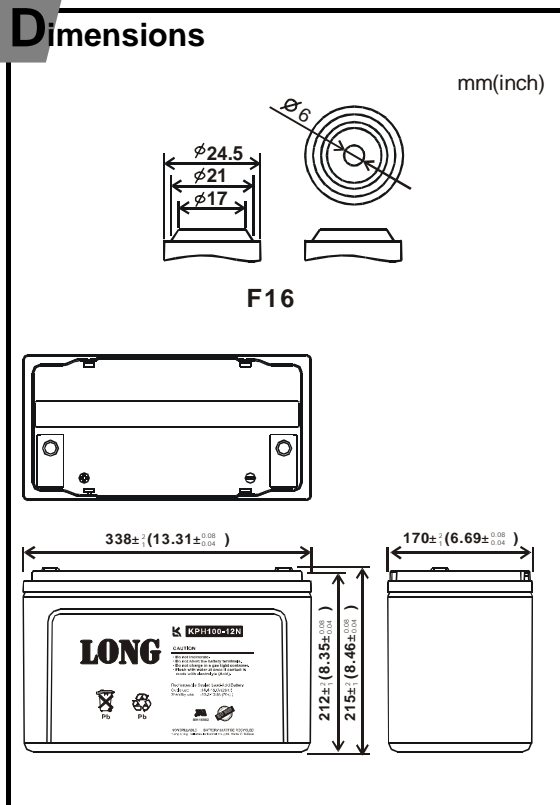
### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20 hour rate ( 5A	to	10.50V )	100Ah
10 hour rate ( 10A	to	10.50V )	95Ah
5 hour rate ( 17A	to	10.20V )	85Ah
1C ( 100A	to	9.60V )	45Ah

### Dimensions



**Weight** Approx.32.66kg(71.85Lbs)

**Internal Resistance (at 1KHz)** 5 m

**Maximum Discharge Current for 5 seconds :** 800A

#### Operating Temperature Range

Charge	0 (32 )	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 months	90%
6 months	80%

**Charging Methods at 20 (68 )**

#### Cycle use:

Charging Voltage 14.4 to 15.0V  
Maximum Charging Current : 30A

#### 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 :** 3~5 years

**Case Material** ABS

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

**Terminal** F16

