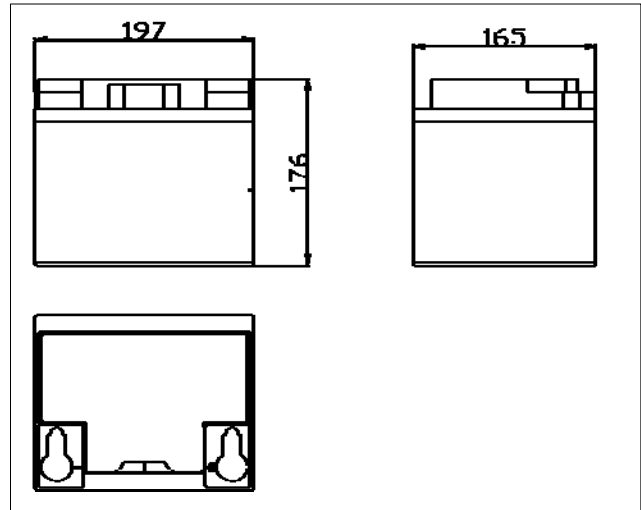


# 6-CNF-40

## NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY



### ■ DIMENSION



### ■ FEATURES

- Using high quality, high tin alloy and imported colloid electrolyte. Low self-discharge rate.
- Good depth discharge recovery performance. Plate with special paste formula improve the discharge performance and the charge performance in low temperature.
- Wide temperature scope of application:  $-30^{\circ}\text{C}\sim 45^{\circ}\text{C}$ . Best temperature of application:  $25\pm 5^{\circ}\text{C}$ .
- Applied in solar system. Good performance on long-term insufficient charge and frequency discharge.
- The battery with unique waterproof technical treatment cables ensure the stable operation of solar street lamp products.

### ■ SPECIFICATIONS

Nominal Voltage	12V	Capacity	C <sub>10</sub>	40Ah (10.8V, at 25°C)
Nominal Capacity (C <sub>10</sub> )	40Ah(10.8V, at 25°C)		C <sub>120</sub>	48Ah (11.1V, at 25°C)
Dimension	Length	197mm	Internal Resistance	
	Width	165mm		
	Height	176mm	Approx. 8 mΩ (25°C)	
	Total Height	176mm	Max Short-duration Discharge Current	800A(25°C)
Weight	Approx. 14.5kg	Terminal	Cable of φ 4mm	

### ■ CHARGE

Using Mode	Charging Voltage	Temperature Compensation	Max Charging Current
Standby Use	2.275±0.025V/cell (25°C)	-3.3mV/°C/cell	8A
Cyclic Use	2.45±0.05V/cell (25°C)	-5mV/°C/cell	

# 6-CNF-40

## NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

### ■ STORAGE

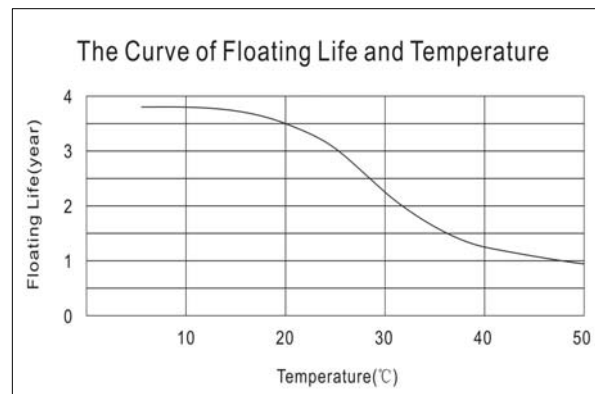
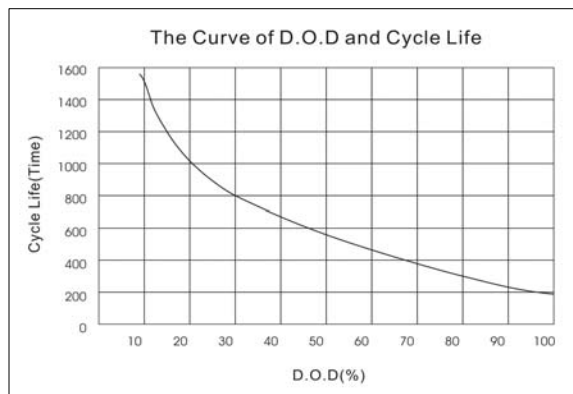
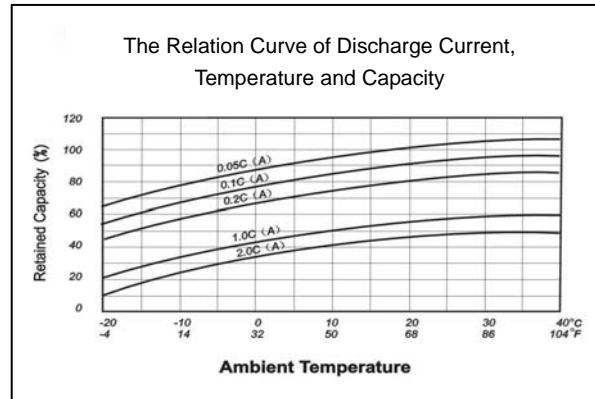
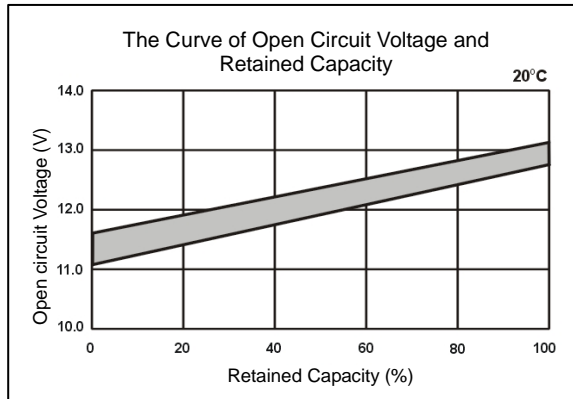
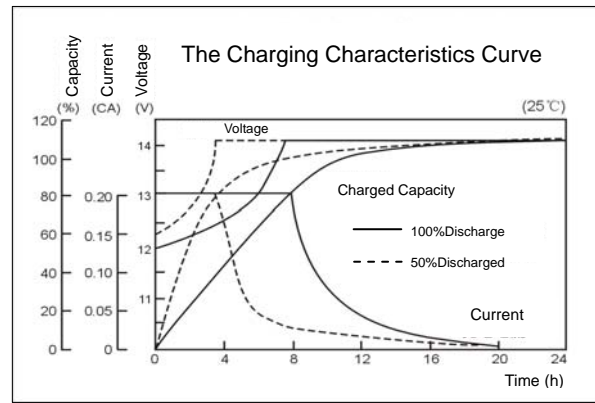
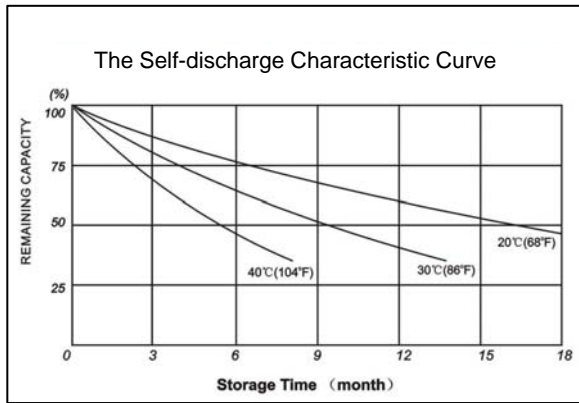
- Batteries should be stored in dry and clean warehouse which has good air exchange system. Batteries should avoid direct sunlight. Batteries should not be near to heat (such as radiator, the distance should more than 1m). Batteries should avoid any toxic gas and organic solvent.
- When the ambient temperature is less than 25°C, the longest storage life is 6 months. If ambient temperature is higher, the longest storage life varies as specified in below chart.

Storage Temperature (°C)	≤25	26~33	34~40
Storage Time (Month)	6	3	1

- Batteries should be recharged within the storage life or before using.

Charging methods: maximum charging current 8A, constant voltage 2.45±0.05V/cell (25°C);

Charging time: 15~20h; Temperature compensation coefficient: -5mV/°C/cell.



Issue: SC-6-CNF-40-001-CGB-201409. For the improvement of products and technology, and the appearance of the specifications are subject to change without prior notice. The company has the right of final interpretation.