



General Features

- Designed floating charging service life: 8 years (25°C)
- Sealed and maintenance free operation
- Safety valve installation for explosion proof
- Low self-discharge characteristic
- Wide operating temperature range from 0°C~40°C
- Lead Aluminum calcium Tin alloy high energy, prevent corrosion

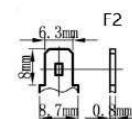
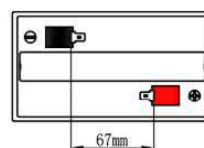
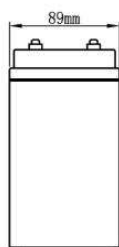
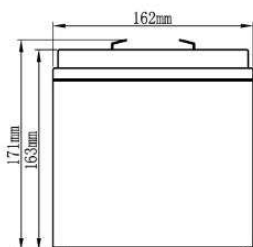
Application

- DC power supply
- Medical equipments
- UPS/EPS power supply
- Telecom stations and power stations

Physical Specifications

Nominal Voltage	Nominal Capacity (25HR)	Dimension				Weight ±2%	Internal Resistance (In full charge status)	Standard Terminals
		L	W	H	TH			
6V	42AH	162±2mm	89±2mm	163±2mm	171±2mm	Approx 5.55kg (12.21lbs)	≈4.0 m Ω	F2

Dimensions



Constant-Voltage Charge

Rated Capacity	
25 hour rate (1.52A)	42.0AH
20 hour rate (1.8A)	38.0AH
10 hour rate (3.6A)	36.0AH
5 hour rate (6.12A)	30.8AH
27 minute rate (36A)	16.2AH
7 minute rate (108A)	12.6AH
Capacity affected by Temperature	
40°C(104°F)	103%
25°C(77°F)	100%
0°C(32°F)	86%

Cycle Application

1. Limit initial current less than 9.0A.
2. Charge until battery voltage (under charge) reaches 7.05V to 7.20V at 25°C(77°F).
3. Hold at 7.05V to 7.20V until current drop to under 0.216A for at least 3 hours.
4. Temperature compensation coefficient of charging voltage is -15mV/°C.

Standby Service

1. Hold battery across constant voltage source of 6.8 to 6.9 volts with current limit 9.0A continuously .When held at this voltage , the battery will seek its own current level and maintain itself in a fully charge status.
2. Temperature compensation coefficient of charging voltage is -9mV/°C.



CHEE YUEN PLASTIC PRODUCTS (HUIZHOU) CO.,LTD.

Address: China Aerospace Industrial Park , ZhongKai Road , Huizhou , Guangdong Province , China .

Tel:0086-752-2627636 2606104

Fax:0086-752-261574

Http: // www. casilbattery. com



CHEE YUEN INDUSTRIAL CO.,LTD.

Address: 18/ F. ,CHINA AEROSPACE CENTER , 143 HOIBUNROAD , KWUNTONG , KOWLOON , HK

Tel:(852)2389 3368 FAX:(852)2389 3378

Http: // www.globalsources. com/ cheeyuen. co

Http: // www. casilbattery. com