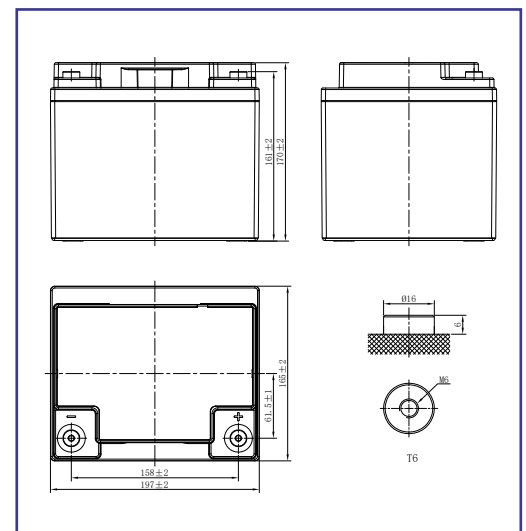


### Specifications

Rated Voltage	12V	
Rated Capacity	C <sub>10</sub> 1.80V/cell	45.0Ah
	C <sub>100</sub> 1.80V/cell	50.0Ah
Dimensions	Length	197mm (7.76inches)
	Width	165mm (6.50inches)
	Container Height	170mm (6.69inches)
	Total Height	170mm (6.69inches)
Approx Weight	14.2Kg (31.3lbs)	
Terminal	T6(M6)	
Container Material	ABS	
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	-20~40°C (-4~104°F)
	Storage	-15~40°C (5~104°F)
Internal Resistance (25°C)	Approx 9mΩ	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Max. Charging Current	0.3C	
Charge Voltage (25°C)	Charge Voltage	Temp. Coefficient
Float	2.25 - 2.30V/cell	-3mV/cell/°C
Cycle	2.35 - 2.40V/cell	-5mV/cell/°C
Effect of temp. to capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	80%
Self Discharge	≤3%/month @25°C	



### Layout



### Applications

- Mobility Scooter
- Golf Trolley
- Electric Power System(EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply

### General Features

- Lead calcium alloy, sealed design, no watering required
- Puncture resistant micro-porous glass mat separators extend life
- Unique technology optimizes power capacity, cell consistency, and long-term reliability
- Designed for a wide range of applications

### Certifications

- Compliance with IEC 60896 standards, EU Battery Directive
- UL,CE Approved
- Manufactured in Leoch@IATF16949, ISO 45001,ISO 9001 and ISO 14001 certified production facilities