

6FM110G (12V110AH/20HR)

LONG WAY 6FM110G is one of the Deep Cycle battery of LONGWAY BATTERY.

This series adopts lightly gel technology, which has high safety & reliability maintenance-free, high charging rate, low self-discharge , and long life.

Applications: Electric vehicles, Electric scooter, Electric wheel chair, Electric play car for children Sanitation vehicles and police patrol car etc.



Specifications: Designed according with the IEC60254-2014

Nominal Voltage	12Volts (6 Cells per unit)
Nominal Capacity	@25°C
20hr-rate (5.5A)	110.0Ah @ 1.75V per cell@25°C (77°F)
10Hr-rate (11.0A)	100.0AH @ 1.75V per cell@25°C (77°F)
5Hr-rate(18.7A)	85.0AH@1.70Vper cell@25°C (77°F)
3Hr-rate(27.5A)	80.0AH@1.70Vper cell@25°C (77°F)
Weight	Approx.31.0 ± 3%kg(67.90lbs)
Internal Resistance	Approx. 4.50mΩ full charged @25°C
Maximum Discharge Current	400A(3sec)
Operating Temperature Range	Discharge: -20°C~50°C; Charge: 0°C~40°C Storage: -20°C~40°C
Equalization and Cycle Service	14.40~15.0VDC/unit Average @ 25°C
Maximum Charging Current	27.5A
Terminal	I6 (M8 stem)
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request
Self Discharge	LONGWAY batteries can be stored for more than 6 months and the Self-discharge ratio less than 3%/per month at 25°C.Please charge batteries before using.



ISO9001:2015
ISO14001:2015
ISO45001:2018
ISO50001:2011

APPLICATION STANDARDS

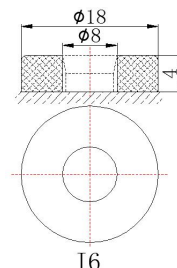
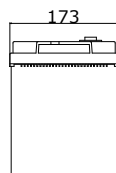
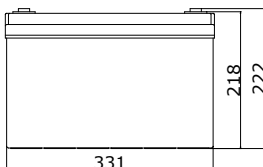
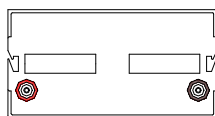
- ISO 7176-25 - 2013
- IEC 60254-1- 2005
- SAE J1495-2018
- UL1989 (MH46789)

Dimensions

Outer Dimensions

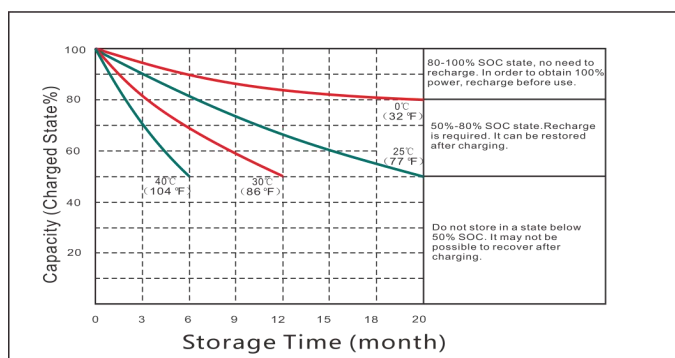
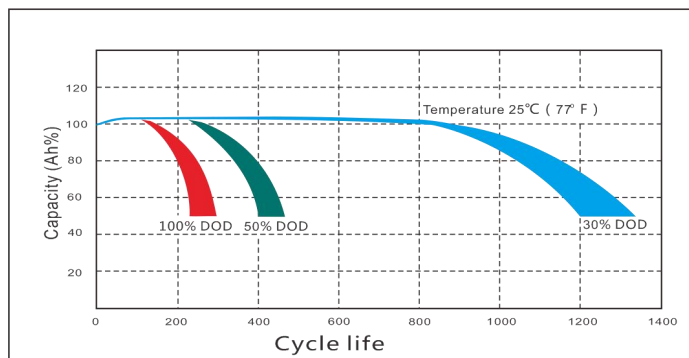
Terminal Type

Length:331±2mm
Width :173±2mm
Height :218±2mm
Total Height :222±2mm



Cycle Service Life

Capacity Retention Characteristic



Kaiying Power Supply & Electrical Equip Co., Ltd

Add: Laogang Industrial Area, Chengxiang Town, Anxi, Quanzhou City, Fujian Province, China

Tel: 0595-68782266 Fax: 0595-68782222 Web: www.longwaybattery.com Email: lily.chang@longwaybattery.com KY-IOP-6-EVF-100 A0. 2023

NOTE: This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Long Way for the latest information.