

3FM190G (6V190AH/10HR)

LONG WAY 3FM190G is one of the Deep Cycle battery of LONGWAY BATTERY. This series adopts AGM 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	6Volts (3 Cells per unit)
Nominal Capacity	@25°C
20hr -rate (9.50A)	220Ah @ 1.75V per cell@25°C (77°F)
10Hr-rate (19.0A)	209AH @ 1.75V per cell@25°C (77°F)
5Hr-rate (32.3A)	194AH@1.70Vper cell@25°C (77°F)
3Hr-rate (47.5A)	190AH@1.70Vper cell@25°C (77°F)
Weight	Approx.31.5± 3%kg(69.42lbs)
Internal Resistance	Approx. 1.50mΩ full charged @25°C
Maximum Discharge Current	950A(3sec)
Operating Temperature Range	Discharge: -20°C~50°C; Charge: 0°C~40°C Storage: -20°C~40°C
Equalization and Cycle Service	7.20~7.50VDC/unit Average @ 25°C
Maximum Charging Current	38.0A
Terminal	I7 (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

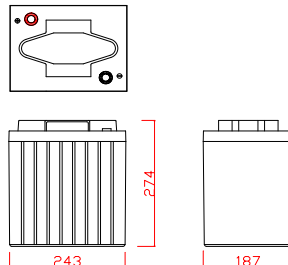
APPLICATION STANDARDS

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

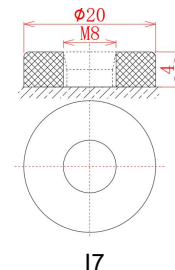
Dimensions

Length:243±2mm
Width :187±2mm
Height :274±2mm
Total Height :274±2mm

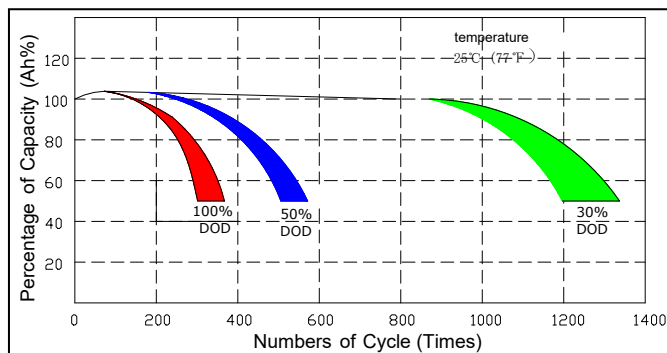
Outer Dimensions



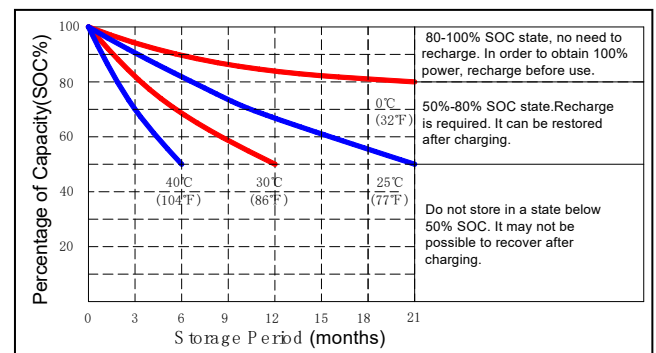
Terminal Type



Cycle Service Life



Capacity Retention Characteristic



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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.

