6-EVF-40 (12V40AH/10HR)



LONG WAY 6-EVF-40 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	12Volts (6 Cells per unit)
Nominal Capacity	@25℃
20hr -rate (2.00A）	44.2Ah @ 1.75V per cell@25℃ (77℉)
10Hr-rate (4.00A）	42.0AH @ 1.75V per cell@25℃ (77℉)
5Hr-rate (6.80A）	36.8AH@1.70Vper cell@25℃ (77℉)
3Hr-rate (10.0A）	34.7AH@1.70Vper cell@25℃ (77℉)
Weight	Approx.13.2 ± 3%kg(29.10lbs)
Internal Resistance	Approx. 8.0mΩ full charged @25℃
Maximum Discharge Current	400A(3sec)
Operating Temperature Range	Discharge: -20℃~50℃; Charge: 0℃~40℃ Storage: -20℃~40℃
Equalization and Cycle Service	14.40~15.0VDC/unit Average @ 25℃
Maximum Charging Current	10.0A
Terminal	F9 (M6 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℃.Please charge batteries before using.

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

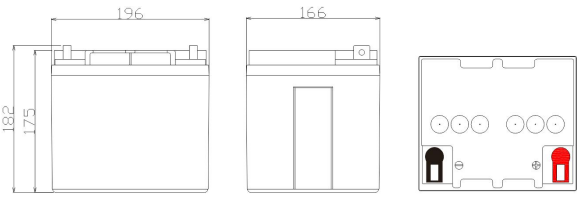
APPLICATION STANDARDS

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

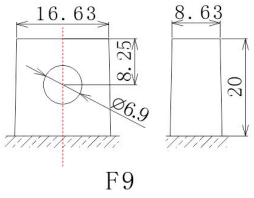
Dimensions

Length:196±2mm
Width :166±2mm
Height :175±2mm
Total Height :182±2mm

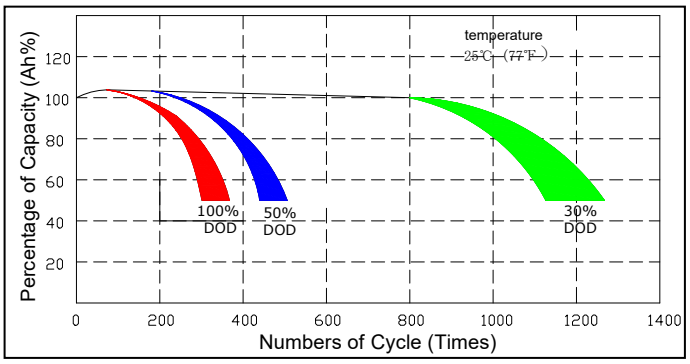
Outer Dimensions



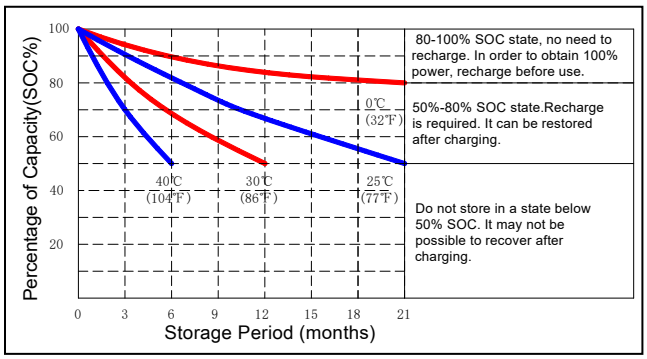
Terminal Type



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.