

### 6-EVF-55 (12V55AH/10HR)

LONG WAY 6-EVF-55 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

12Volts (6 Cells per unit) Nominal Voltage

**Nominal Capacity @25°**C

Maximum Discharge Current

Operating Temperature Range

Equalization and Cycle Service

Maximum Charging Current

20hr -rate (2.75A) 58.0Ah @ 1.75V per cell@25°C (77°F) 10Hr-rate (5.50A) 55.0AH @ 1.75V per cell@25℃ (77°F) 5Hr-rate(9.30A) 53.0AH@1.70Vper cell@25°C (77°F) 3Hr-rate(13.8A)

46.0AH@1.70Vper cell@25°C (77°F)

Weight Approx.16.0  $\pm$  3%kg(35.27lbs) Internal Resistance

Approx. 7.20mΩ full charged @25°C

400A(3sec)

Discharge: -20 °C~50 °C; Charge: 0 °C~40 °C

Storage: -20 °C~40 °C

14.40~15.0VDC/unit Average @ 25°C

13.75A

I3 (M6 stem)

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

**Terminal Type** 

UL1989 (MH46789)

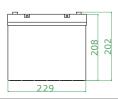
#### **Dimensions**

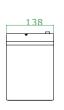
**Terminal** 

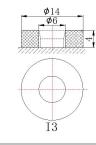
Container Material

#### **Outer Dimensions**

## <u>●</u> 0







#### **Cycle Service Life**

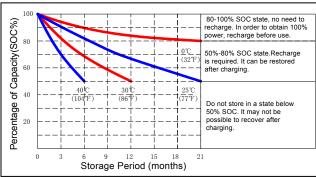
Total Height: 212±2mm

Length:229 ± 2mm

Width:138±2mm Height: 208±2mm

#### temperature (Ah%) 120 Capacity 100 80 ₽ Percentage 40 20 200 600 800 1000 1200 1400 Numbers of Cycle (Times)

# **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: sales@longwaybattery.com KY-IOP-6-EVF-55 A0. January 2021