

## 6-EVF-80(12V80AH/3HR)

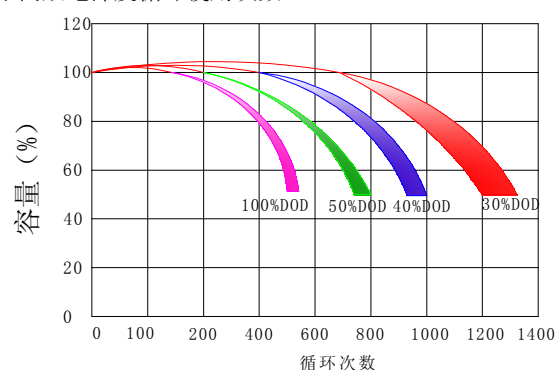
LONG WAY 6-EVF-80 is one of the Deep Cycle series of Kaiying Power Supply & Electrical Equip Co.,Ltd. The series adopt new materiel, new technology, new process, with higher weight ratio of energy and good resistance to vibration performance, a good consistency, high charge rate, deep discharge recovery, low self discharge, sealed and maintenance free. It is quiet suitable for using as electrical system of electric road vehicles, applications widely in low speed electric vehicles, golf car travel car, old scooter, electrical wheel chair, electric sanitation vehicles and police patrol car etc.



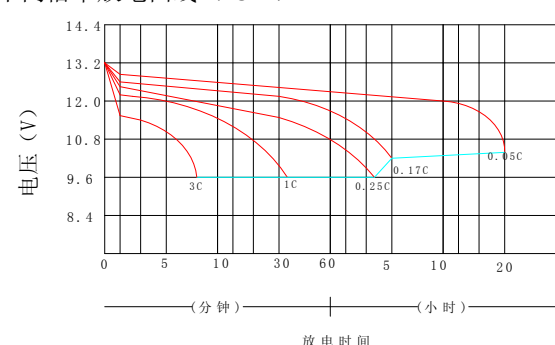
### Specification:

|                                  |                                  |                                                                  |
|----------------------------------|----------------------------------|------------------------------------------------------------------|
| Nominal Voltage (V)              |                                  | 12V                                                              |
| The Open Circuit Voltage (V)     |                                  | 12.90—13.32V                                                     |
| Cells per Unit                   |                                  | 6                                                                |
| Discharge Capacity at 25 °C (AH) | 1Hr-rate(105A to 1.60V per cell) | 58.40AH                                                          |
|                                  | 2Hr-rate(66A to 1.60V per cell)  | 76.00AH                                                          |
|                                  | 3Hr-rate(50A to 1.70V per cell)  | 80.00AH                                                          |
|                                  | 5Hr-rate(32A to 1.75V per cell)  | 100.0AH                                                          |
| Average weight/kg                |                                  | 26.0kg                                                           |
| Container material               |                                  | ABS(UL94-HB)                                                     |
| Charge voltage/V                 | Float charge (V)                 | 13.80---14.10V                                                   |
|                                  | Cycle (V)                        | 14.40---15.00V                                                   |
| Maximum discharge current/A      |                                  | 400A                                                             |
| Reasonable charge current/A      |                                  | 16.0A                                                            |
| Terminal type                    |                                  | F10                                                              |
| Screw stem                       |                                  | M6 stem                                                          |
| 25°C Self discharge rate         |                                  | Less than 3% per month                                           |
| Operate temperature range        |                                  | Discharge: -15~50°C<br>Charge: -15°C~40°C<br>Storage: -15°C~40°C |

不同放电深度循环使用次数 (25°C)

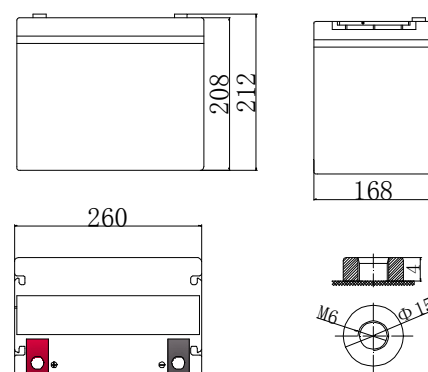


不同倍率放电曲线 (25°C)



### Dimensions:

length 260±2mm; width 168±2mm; height 208±2mm; total height 212±2mm



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Statement: The information is just a profile of product, not a guarantee of any battery. The parameters of battery could be modified independently without