

# EVX12-53 (12V 53Ah)



Since 1993

Item Code: VRLA EVX12053 T6  
 EAN: 8717101004258

## Specifications

|                               |  |                         |                |
|-------------------------------|--|-------------------------|----------------|
| Nominal Voltage               | 12   |                         |                |
| Approx. Weight                | 14.20 Kg (31.30 lbs)   |                         |                |
| Container Material            | ABS  |                         |                |
| Rated Capacity (25 °C)        | 53.00 Ah   | 20hr, 2.65A, 1.75V/cell |                |
|                               | 46.00 Ah   | 10hr, 4.60A, 1.76V/cell |                |
|                               | 44.00 Ah   | 5hr, 8.80A, 1.75V/cell  |                |
|                               | 40.00 Ah   | 3hr, 13.33A, 1.75V/cell |                |
| Operating Temp. Range         | Discharge:   | -20 °C ~ 55 °C          | -4 °F ~ 131 °F |
|                               | Charge:  | 0 °C ~ 40 °C            | 32 °F ~ 104 °F |
|                               | Storage:   | -15 °C ~ 40 °C          | 5 °F ~ 104 °F  |
| Nominal operating temp. Range | 25±3°C (77± 5°F)   |                         |                |
| Effect of Temp. to Capacity   | 40 °C  | 104 °C                  | 103%           |
|                               | 25 °C  | 77 °C                   | 100%           |
|                               | 0 °C   | 32 °C                   | 86%            |
| Cycle Use                     | Initial Charging Current less than 13.25A. Voltage 14.4V~14.7V at 25°C (77 °F) Temp. Coefficient -4mV/°C   |                         |                |
| Standby Use                   | No limit on Initial Charging Current Voltage 13.68V~13.92V at 25 °C(77 °F) Temp. Coefficient -4mV/°C   |                         |                |
| Self-Discharge                | Batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter. |                         |                |



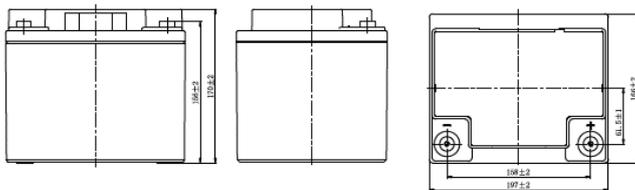
## Certificates / Standards

- CE Certified
- IATF16949/ ISO9001/ ISO14001 certified production facilities



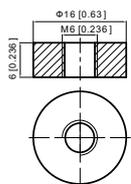
## Dimensions

### Layout



|                  |        |
|------------------|--------|
| Length           | 197 mm |
| Width            | 166 mm |
| Container Height | 170 mm |
| Total Height     | 170 mm |

### Terminal

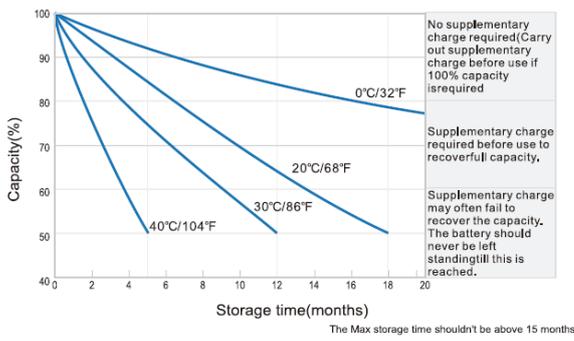


|                 |                        |
|-----------------|------------------------|
| Terminal        | T6                     |
| Terminal Torque | 35-47in-lb (3.9-5.4Nm) |
| Layout          | 0                      |

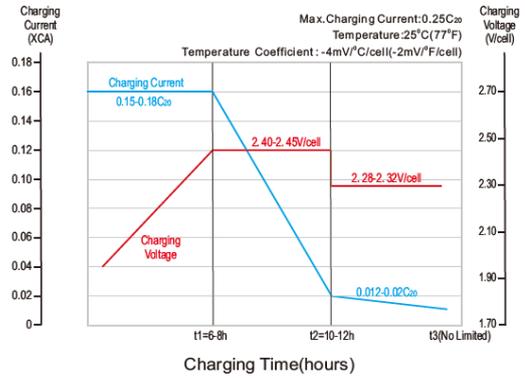


Since 1993

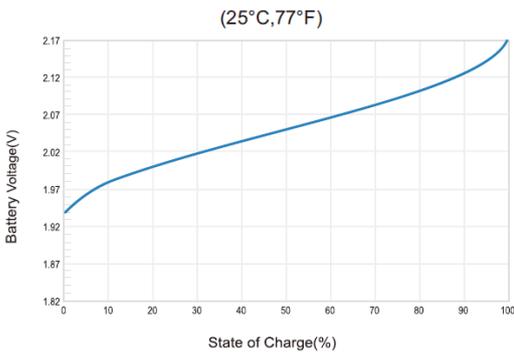
## Discharge Characteristic



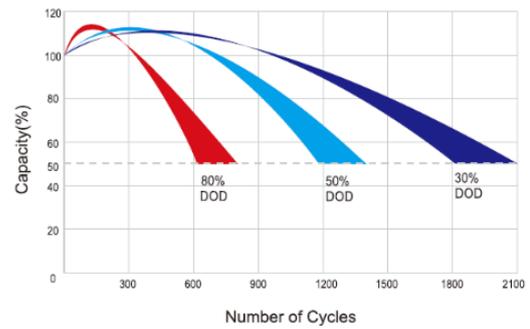
## Charging Characteristics (Cycle Use)



## Relationship of OCV and State of Charge



## Cycle-life in Relation to Depth of Discharge



(Note) All above information shall be changed without prior notice, Landport Batteries reserves the right to explain and update the latest information.