EVX SERIES • VRLA DEEP CYCLE AGM-GEL TECHNOLOGY

EVX12039 T6 (12V 39Ah)

carbon

AGM-GEL technology

22/07/2024

Specifications

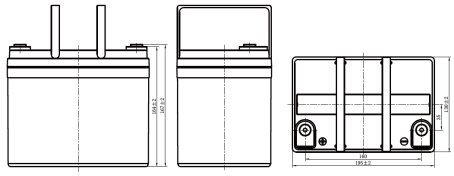
Rated Voltage	12V
Nominal Capacity	39Ah (C_{20} 1.80V/cell)
Dimensions	Length 195 mm Width 130 mm Container Height 164 mm Total Height 167 mm
Approx. Weight	11.3 Kg (24.9lbs)
Terminal	T6
Layout	1
Container material	ABS
Rated Capacity (25°C)	39.0Ah (20hr,5.00A,1.80V/cell) 37.0Ah (10hr,9.2A,1.80V/cell) 35.0Ah (5hr,17.8A,1.75V/cell) 33.0Ah (3hr,26.6A,1.75V/cell)
Reserve Capacity (min)	/ 25A / 56A / 75A
Operating Temp. Range	Discharge: -20°C ~55°C (5~122°F) Charge: 0°C ~40°C (32~104°F) Storage: -15°C ~40°C (-5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5 °F)
Cycle Use	Initial Charging Current less than 18.0A.Voltage 14.4V~14,7V at 25 °C(77 °F)Temp. Coefficient -30mV/ C
Effect Of Temp. To Capacity	40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 75%
Self-discharge	EVX series 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.



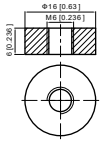
Features

- True deep cycle AGM-GEL technology - GREEN SOLUTION
- Over 99.99% virgin lead for grid plate
- Carbon active material
- Electrolyte + Gel for longer cycle life
- Heavy duty grid/paste design for deep cycle application
- Maintenance free, non-spillable, valve-regulated
- Double separator configuration: long cycle life & high energy density
- Super anti-vibration design
- Low self-discharge for longer shelf life

Layout



Terminal





Applications

- Mobility scooters
- Wheelchair
- Golf carts
- Sweeping machine

General Features

- Special plate design, long cycle life
- ≥700-750 Cycles @ 80%DOD
- Operation temperature -20~55°C
- ≤3% Self discharge per month
- Good deep discharge resilience performance

Standards

- IATF 16949
- ISO 14001
- ISO 9001

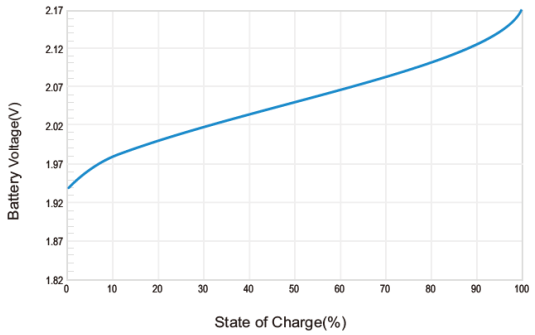
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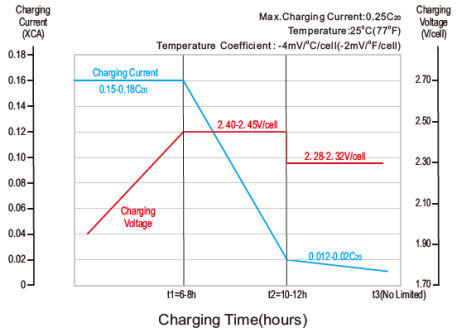
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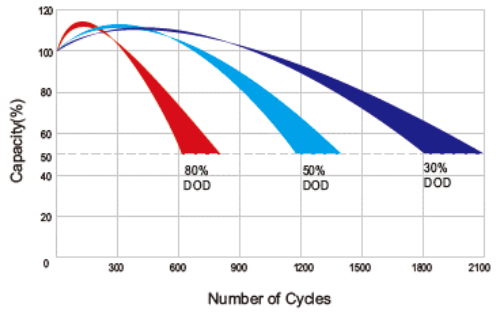
Relationship of OCV and State Of Charge (25°C, 77°F)



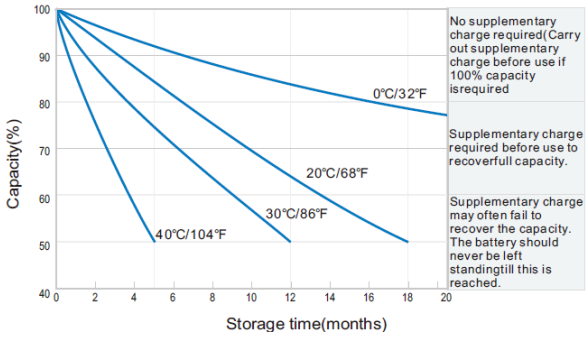
Charging Characteristics



Cycle Life In Relation To Depth Of Discharge



Self-discharge Characteristic



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

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