



EVX12053 T6 (12V 53Ah)



Specifications

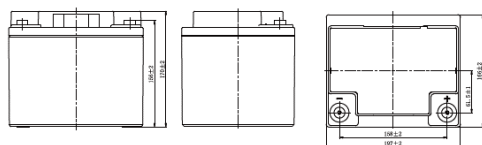
Rated Voltage	12V	
Nominal Capacity	53Ah (C ₂₀ 1.80V/cell)	
Dimensions	Length	197 mm
	Width	166 mm
	Container Height	170 mm
	Total Height	170 mm
Approx. Weight	14.2 Kg (31.3lbs)	
Terminal	T6	
Layout	0	
Container material	ABS	
Rated Capacity (25°C)	53.0Ah	(20hr, 5.00A, 1.80V/cell)
	46.0Ah	(10hr, 9.2A, 1.80V/cell)
	44.0Ah	(5hr, 17.8A, 1.75V/cell)
	40.0Ah	(3hr, 26.6A, 1.75V/cell)
Reserve Capacity (min)	/	25A
	/	56A
	/	75A
Operating Temp. Range	Discharge: -15°C ~50°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.	



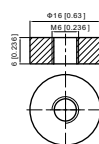
Features

- 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

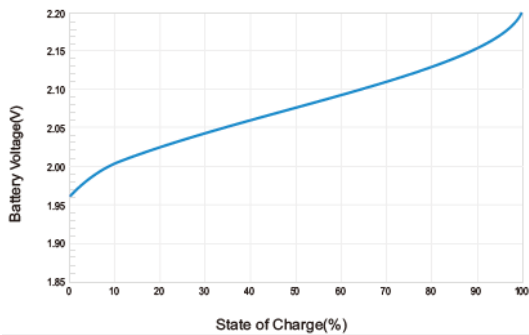
- IATF 16949
- ISO 14001
- ISO 9001



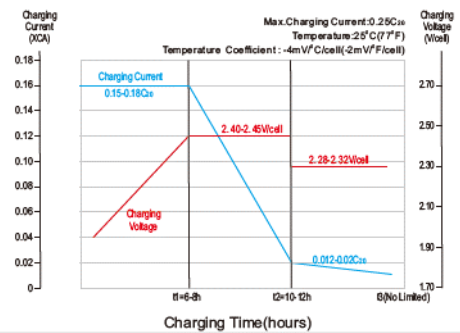
EVX12053 T6 (12V 53Ah)



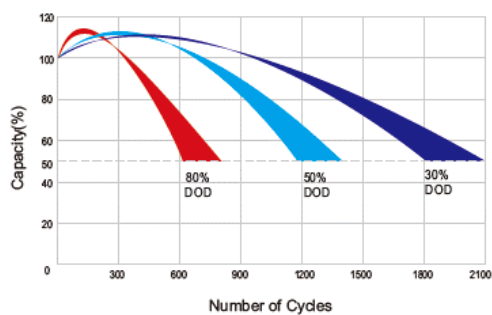
Relationship of OCV and State Of Charge (25°C, 77°F)



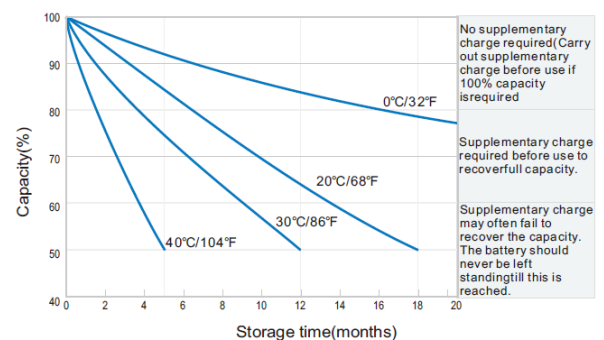
Charging Characteristics



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.