



EVX12053 T6 (12V 53Ah)



Specifications

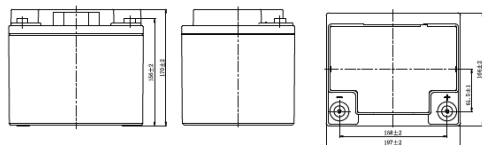
Rated Voltage	12V		
Nominal Capacity	53Ah (C ₂₀ 1.80V/cell)		
Dimensions	Length	197 mm	
	Width	166 mm	
	Container Height	170 mm	
	Total Height	170 mm	
Approx. Weight	14.2 Kg (31.3lbs)		
Terminal	T6		
Layout	0		
Container material	ABS		
Rated Capacity (25°C)	53.0Ah	(20hr, 2.65A, 1.80V/cell)	
	46.0Ah	(10hr, 4.6A, 1.80V/cell)	
	44.0Ah	(5hr, 8.8A, 1.75V/cell)	
	40.0Ah	(3hr, 13.3A, 1.75V/cell)	
Operating Temp. Range	Discharge: -20~55°C (-4~131°F)		
	Charge: 0~40°C (32~104°F)		
	Storage: -15~40°C (5~104°F)		
Nominal Operating Temp. Range	25±3°C (77±5 °F)		
Cycle Use	Initial Charging Current less than 13.25A. Voltage		
	14.4V~14.7V at 25 °C(77 °F)Temp. Coefficient -24mV/ 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.		



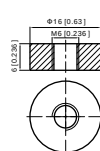
Features

- 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

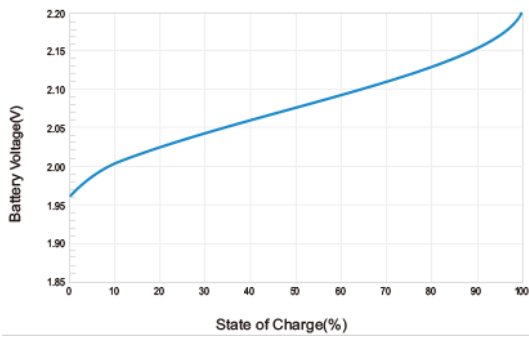
- IATF 16949
- ISO 14001
- ISO 9001



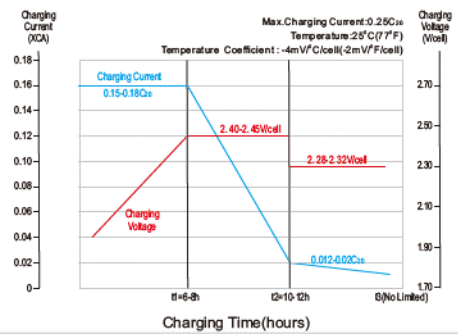
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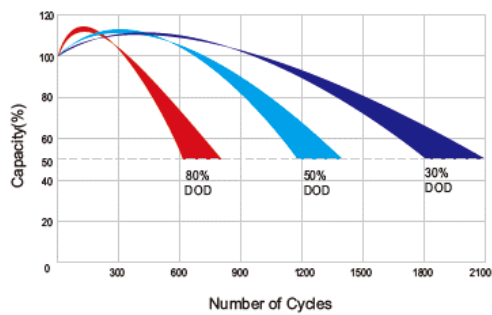
Relationship of OCV and State Of Charge (25°C, 77°F)



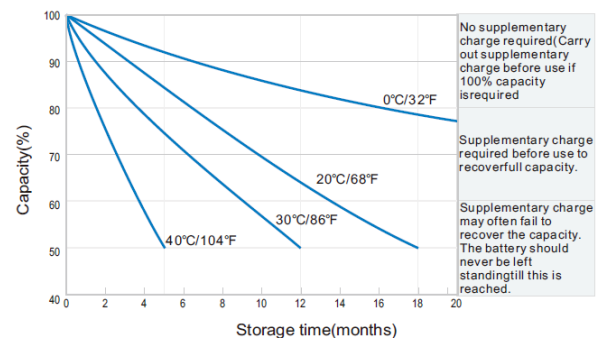
Charging Characteristics



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.