



Gel technology to store solar energy



CHARGING PARAMETERS
 Constant Voltage Charge with
 Current Limit (at 27°C)
 Starting Voltage : 13.8V-13.8V
 Battery Size : 14.8V-14.8V
 Cycle Life : 1500
 Maximum Load Current : 15A
 Minimum Load Current : 1.5A

SMF TUBULAR GEL BATTERY

Type	Voltage	Capacity
650L F3	12V	75AH

Check instructions before use
CAUTION
 Be careful of the following:
AVOID
 • Short-circuiting battery terminals
 • Charging the battery into open flame
 • Charging in a sealed container
 • Mechanical abuse

If ever returned to manufacturer, please ensure compatibility with model of return. Also use, return instructions for safe recycling of used

EXIDE INDUSTRIES LTD. INDIA
www.exidebatteries.com



Exide India launches SOLATRON SGL series with unique GEL Technology specially developed for renewable energy applications. Exide India has integrated this technology in accordance with state-of-the-art manufacturing and quality procedure to satisfy environmental, economic & technical demands.

A key to a successful Solar Photovoltaic System is the careful integration of all components and proper selection of battery. The Batteries are exposed to variable temperature, insufficient charging, daily cycling as well as operating in Partial State of Charge condition. Such applications need legendary toughness with reliability of tubular and maintenance free convenience of VRLA and nothing can be better than CEIL SOLATRON GEL series. The performance of Tubular Gel conforms to IEC 61427, IEC 60896 – 21/22.

Applications:

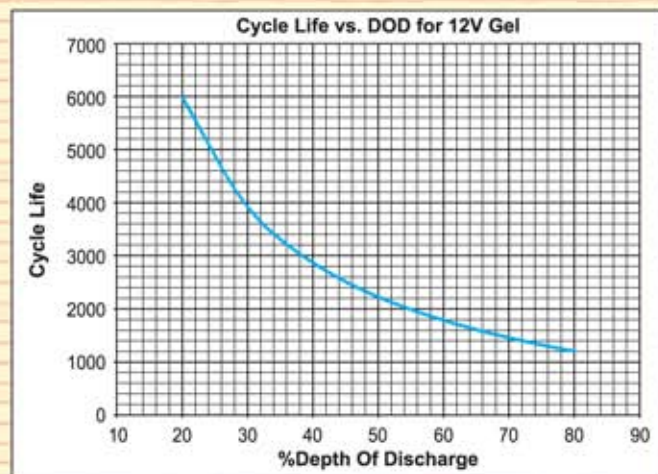
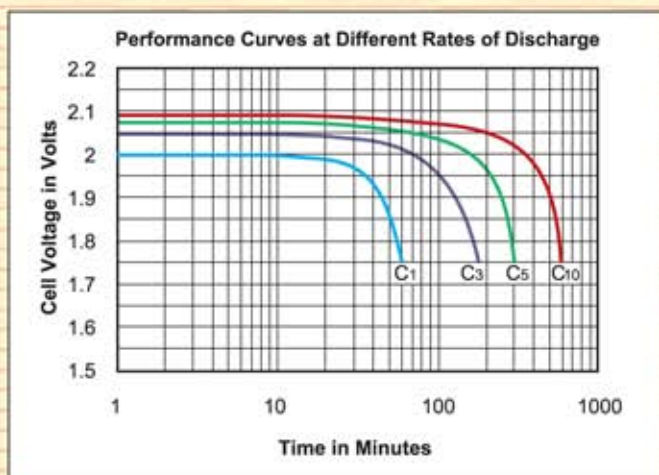
- Solar Lantern • Solar street lighting • Solar photovoltaic system • Solar power plant • Hybrid system power back-up

Benefits:

- Sealed maintenance free – no topping up ever • Excellent deep discharge capability • High recharge efficiency • Superior cycle life • Less sensitive to temperature • Long shelf life • Greater design life – best value for money • Supplied factory charged

Technical Specification

Battery Type	Nominal Voltage (V)	Rated Capacity (Ah) at 27°C		Weight (Kg.) ± 5%	Internal Resistance (m-ohm)	(Dimensions in mm)			Max. Discharge Current
		C10 1.75V/cell	C20 1.75V/cell			Length ± 5	Width ± 5	Height ± 5	
6SGL 40	12	40	45	19	10.0	350	166	174	240
6SGL 75	12	75	82	33.5	7.0	407	173	235	450
6SGL 100	12	100	105	44	6.0	557	172	240	600
6SGL 150	12	150	165	64	5.0	533	250	240	900
6SGL 200	12	200	220	72	4.0	428	287	400	1200



HEAD OFFICE: Exide Industries Limited, Exide House, 59E Chowringhee Road, Kolkata - 700 020, India, Phone +91 33 2283 2120 / 2133, Fax +91 33 2283 2637/ 2283 2632

CORPORATE MARKETING OFFICE: 6A Hatibagan Road, Entally, Kolkata - 700 014, India, Phone +91 33 2286 6158 / 59, Fax +91 33 2286 6186

visit us at: www.exideindustries.com/www.exideindustrialbatteries.com

Surajit Mukhopadhyay, Mobile: +91 98306 03986, e-mail: surajitmu@exide.co.in

Tridip Kr. Nag, Mobile: +91 98360 61886, e-mail: tridipkn@exide.co.in

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