



Gel technology to store solar energy



CEIL
SOLATRON

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

If ever exposed to fire, do not touch. Use fire extinguishers with plenty of water.
After use, please refer to the instructions for safe recycling of used.

CHARGING PARAMETERS
Constant Voltage Charge with
Current Limit (at 27°C)
Standby Use: 13.8V-13.9V
Cycle Use: 14.0V-14.2V
Maximum Limit Current: 15A
Minimum Limit Current: 7.5A

3MF TUBULAR GEL BATTERY

Type	Voltage	Capacity
6RGL 75	12V	75Ah

EXIDE INDUSTRIES LTD. INDIA

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.

Applications:

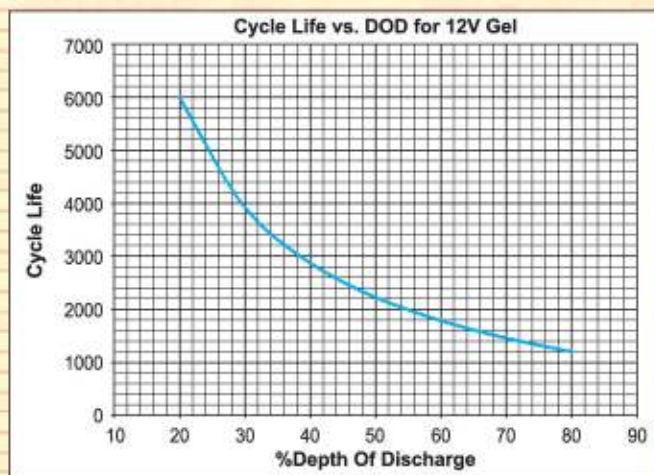
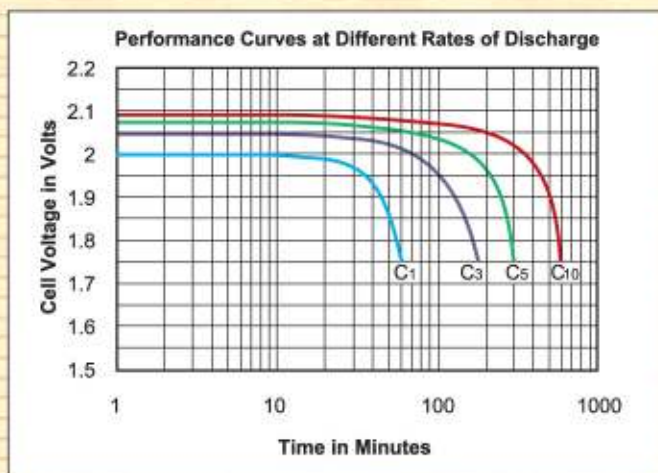
- Solar Lantern • Solar street lighting • Solar photovoltaic system • Solar power plant • Hybrid system power back-up

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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