



EXIDE SOLATRONTM

FEATURES :



Batteries are made of Torr Tubular Positive Plates



Available in **12V & 2V** range



Exide **SOLATRON Tubular GEL VRLA** batteries offer **reliable, maintenance free** power.



Supplied in **factory charged condition** – ensures optimal quality and ready to us.



Suitable for **frequent deep cycles**.



Low rate of self discharge



No acid stratification



The thixotropic GEL manufactured with exclusive mixing technology in our state-of-the-art GEL manufacturing plant enables completely **spill proof & leak proof** and many available options / orientations for installation.



Designed for **long life**



SOLATRON 12V & 2V Gel ranges meets IS 15549, IEC 61427, IEC 60896 – 21& 22, BS 6290 Part IV, IEEE – 1188/1189, Eurobat Guide 1999 – Classified as “Long Life”



Solatron® – 12V Battery

ADD ON FEATURES :



Exclusive Gel manufacturing and mixing technology **ensures longer cycle life**.



Ultrapremium imported sealing valves **ensures safety and long life**.



Ultrapremium grade separators with excellent porosity and cleanliness are used to get **extended life and performance**.



2V cells are housed with **stackable MS Modules (8V)**.



2V cells can be supplied with **MS Cabinet** (fitted suitable exhaust system) in 48V configuration on demand – ideally **designed for outdoor application**.



Solatron® – 2V Cells

TECHNICAL SPECIFICATIONS :

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.75 v.p.c at 27°C (Ah)	Battery Weight with Gel ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6SGL26	12	26	13	197	165	170
6SGL40	12	40	22	354	169	230
6SGL65	12	65	26	354	169	230
6SGL75	12	75	38	531	170	258
6SGL100	12	100	44	531	170	258
6SGL120	12	120	48	531	170	258
6SGL150	12	150	64	533	250	240
6SGL200	12	200	84	428	287	400

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.75 v.p.c at 27°C (Ah)	Module Dimension				
			Voltage (V)	Length ± 5mm	Width ± 5mm	Height ± 5mm	Weight ± 5mm
SG200	2	200	16	709	268	365	121
SG300	2	300	8	717	200	520	115
SG400	2	400	8	717	200	520	124
SG450	2	450	8	717	200	520	137
SG500	2	500	8	717	200	520	149
SG600	2	600	8	717	248	520	178
SG800	2	800	4	386	262	690	124
SG1000	2	1000	4	386	278	687	144

RECHARGING CHARACTERISTICS DURING OPERATIONS :

	Low Maintenance Flooded Tubular Ranges	Tubular GEL VRLA Sealed Ranges
	Recommended Parameters For ambient temperature of 25° - 30° C	
Charging Current	Maximum - 20% of the battery Ah capacity Minimum - 10% of the battery AH capacity	
Bulk Voltage	2.60 +/- 0.02V x no. of cells	2.40 +/- 0.02V x no. of cells
Float Voltage	2.30 +/- 0.02V x no. of cells	2.28 +/- 0.02V x no. of cells
Load Reconnect Voltage	2.16 +/- 0.02V x no. of cells	2.20 +/- 0.02V x no. of cells
Low Voltage Disconnect	1.90 +/- 0.02V x no. of cells	1.90 +/- 0.02V x no. of cells
Recharge Factor	110% of discharge Ah	106% of discharge Ah
Temperature Correction Factor (reference 25° C)	Float : -3mV/°C/2V unit Cyclic : -5mV/°C/2V unit	