

SF SONIC™ BATTERIES

GELPOWER

MAINTENANCE FREE
VRLA INVERTER BATTERY

GELINSIDE



*Conditions Apply

www.facebook.com/SFSonicBatteries | www.sfsonicpower.com

Marketing Division: Plot No. 50/51, Raj Complex, Sector 19/C, Opp. Yashmer Hotel Vashi
Navi Mumbai - 400703, Head Office: 59E Chowringhee Road, Kolkata 700020



SF Sonic covers the full range of storage power solutions manufactured at its state of art factories. The rugged power packed range starts from cars, SUVs, trucks, tractors, construction vehicles, two wheelers and extends to batteries for e-rickshaws, gensets, inverters and solar applications. Whatever the application SF Sonic ensures that you not only get the fail safe reliability of new age technology but also more power year after year.

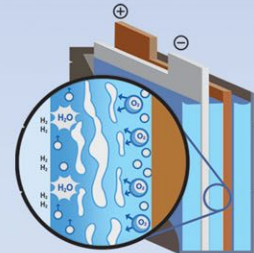


TECHNOLOGY:

GEL VRLA battery utilizes a one way, pressure-relief valve system and Gelled (immobilized) electrolyte to achieve a recombinant technology. It never needs watering. Plugs & valves should never be opened as this would expose the battery to excess oxygen from air.

FEATURES:

- Maintenance-free design. Since there is no liquid electrolyte, no leakage happens at any tilted angle
- High pressure venting which leads to high oxygen efficiency
- Higher tolerance against deep discharge
- Prevention of Thermal runaway through efficient heat dissipation



The crevices that develops with gelled electrolyte necessary for oxygen recombinant reaction

TECHNICAL ADVANTAGES AND CUSTOMER BENEFITS

Design Parameter	Technical Advantage	Customer Benefit
Advanced Calcium-Calcium Technology for Grid Alloy	<ul style="list-style-type: none"> ■ Corrosion resistant ■ Low self discharge ■ Reliability at high temperature ■ Even after keeping idle for 2 years, 50% of capacity is retained 	<ul style="list-style-type: none"> ■ Higher tolerance for overcharging ■ Absolutely maintenance free ■ Suitable for use in extreme conditions ■ Increased shelf-life
High quality silica gel used in acid as electrolyte	<ul style="list-style-type: none"> ■ Minimum fluctuation in voltage and capacity over wider temperature range (-30°C to 60°C) ■ Deep discharge resistance is extremely high ■ Lower internal temperature rise leads to longer service life 	<ul style="list-style-type: none"> ■ Immediate charging after deep discharge not required ■ Excellent recovery from deep discharge ■ High reliability, longer life
Plates surrounded by Gel	<ul style="list-style-type: none"> ■ Lesser tendency of thermal run away 	<ul style="list-style-type: none"> ■ Enhanced cycle life and better performance
Special plate design	<ul style="list-style-type: none"> ■ Increased protection against grid corrosion 	<ul style="list-style-type: none"> ■ Ability to withstand arduous service conditions
Special paste recipe	<ul style="list-style-type: none"> ■ Enhanced charge acceptance 	<ul style="list-style-type: none"> ■ High recharging efficiency
Separator with special profile & low resistance and glassmat	<ul style="list-style-type: none"> ■ Fully protect the design against internal shorts and plate shedding ■ Greater power output ■ Lower internal temperature rise 	<ul style="list-style-type: none"> ■ High reliability low degradation rate ■ Longer service life
One way Pressure Relief Valve	<ul style="list-style-type: none"> ■ Consistent opening & closing pressure 	<ul style="list-style-type: none"> ■ Better Maintenance Free characteristics

TECHNICAL SPECIFICATION

Model	Nominal Voltage (V)	Capacity* in Ah	Length +/- 3mm	Width +/- 3mm	Height +/- 3mm upto lid top	Weight (kg) +/- 5%	Charging current (A)	Layout
GP1500-GEL	12	150	401	189	407	50	15	

*At 27°C when discharged at C₂₀ upto 1.75



Delhi: 8/42 Kirti Nagar Industrial Area, Opposite MDH Spice Factory, New Delhi - 110 015
 ● **Jalandhar:** Village Hajara, Opposite Vista Resort, Hoshiarpur Road, Jalandhar - 144 025
 ● **Lucknow:** Exide House, KH-626, Behsa, Transport Nagar, Opposite P.A.C. Battalion, Kanpur Road, Lucknow - 226012 ● **Kolkata:** 6A, Hatibagan Road, Entally, Kolkata - 700 014 ● **Bangalore:** Exide House, KSP Complex, Ware House-8, 12 KM, Hosur Road, Bangalore - 560 068 ● **Ahmedabad:** SF-201, 2nd Floor, Shivalik Arcade, 100 Ft. Anand Nagar Road, Prahlad Nagar, Ahmedabad - 380015 ● **Chennai:** Navin's Presidium, A Block, 4th Floor, 103A, Nelson Manickam Road, Chennai - 600 029 ● **Ranchi:** M/s. Rajendra Singh & Bros. Nr. Reliance Petrol Pump, Pandra, Kamre, Ranchi, Jharkhand - 835 222 ● **Mumbai:** Raj Complex, Behind Banking Complex, Sec. 19-C, Plot No. 50-51, Opposite Yashmer, Vashi, Navi Mumbai - 400 703

