

EverExceed®
power your applications

Solar Gel Range VRLA



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THE MOST RELIABLE BATTERY
FOR RENEWABLE ENERGY

The EverExceed's Solar Gel Range of valve regulated, gelled electrolyte monobloc is designed to offer reliable, maintenance-free power for renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable.

Applicable Operating temperature range:
-40°C (-40°F) to +70°C (+158°F)

Ideal Operating temperature range:
+20°C (+68°F) to +35°C (+95°F)

Storage time from a fully charged condition:
12 months at 25°C / 77°F.

For each 9°C / 15°F rise, reduce the storage time by half.

Benefits

- Sealed construction eliminates periodic watering, corrosive acid fumes and spills.
- Electrolyte will not stratify, reduce the corrosion rate and extended service life;
- Increases durability and deep cycle ability for heavy demand applications;
- Less than 2% per month self-discharge rate means little deterioration during transport and storage;
- Fully tank formation ensures voltage matching between cells;
- Conforms to IEC 60896-21/22 & IEC 61427.
- Certified by ISO 9001 & ISO 14001.

Innovative Features

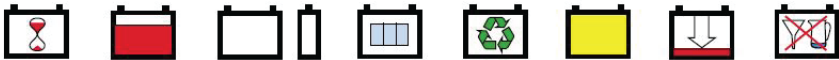
- Valve regulated lead acid (VRLA), deep cycle design;
- Sulfuric acid thixotropic gel, electrolyte in solid gel form will not stratify - no equalization charge required, Gel powder from Europe leading supplier to ensure the unique performance of gel battery;
- Highly porous glass micro-fibre separator, the special design increase the high porosity and anti-corrosion and decrease the internal resistance;
- Virgin Pure Lead Tin and thick positive plate technology design for maximum service float life - 12 years design life @25°C(77°F);
- Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection.
- Thickness positive plate plus optimized plate alloy to anti-corrosion;
- Unique performance against high temperature;
- Spill-proof and leak-proof;
- Operates at a low internal pressure;
- Very low gassing due to internal gas recombination;
- Flame-arresting one-way pressure relief vent for safety and long life;
- Rated non-spillable by ICAO, IATA and DOT.

Specifications

Voltage.....	6 & 12 volts
Plate alloy.....	Lead Calcium Tin
Element, post.....	Silver plated copper female Insert
Container/cover.....	Reinforced ABS (UL 94HB), Flame-retardant UL 94 V-0 on request;
Charge voltage.....Cycle 2.30 to 2.35;Float 2.25 to 2.30 per cell;
Electrolyte.....	Sulfuric acid thixotropic gel;
Vent.....	Self sealing (2 PSI operation).

Applications

- Photovoltaic / Solar - Cathodic protection
- Navigation aids - Communications
- Remote monitoring - Power back up



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مبيعات تعمير / عدن 776222522
مبيعات صنعاء / الحديدة 776222922

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للنظمة الطاقة الشمسية
For Solar System Applications