



12v 45 amp battery

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Valve Regulated Design The batteries are equipped with a simple, safe low pressure venting system which releases gas and automatically reseals should there be a build up of gas within the battery due to severe overcharge. Note. On no account should the battery be charged in a sealed container.

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Sterling's high integrity valve regulated lead acid (VRLA) batteries operate as a starved electrolyte system, in which the electrolyte is limited to the amount that either is absorbed in the batteries plates or wets the fibres in the separator.

The resulting system allows gases produced during overcharge to diffuse from one plate to the other and to be recombined back into the electrolyte. This recombination creates a closed system, thus reducing the release of gases into the atmosphere under normal discharge conditions.

Since the electrolyte is recycled, there is no need to add water to the batteries. This reduced maintenance leads to longer-life battery in a clean and compact container that can be installed when flooded batteries are impractical.



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