

Base station lead-acid battery specifications





Overview

1.1 Low maintenance type of Lead Acid stationary Batteries incorporating of pure Lead Lamellar type with “Plante” formation positive plates assembled in 2 Volt containers with a capacity of 100 Ampere-hour at 10 hour rate of discharge to an end voltage of 1.85 V per Cell having Electrical performance as per IS: 1652/1991 or its latest version amended upto date. How to supply lead acid cell batteries?

The lead acid cell batteries shall be supplied in dry and uncharged condition. Diluted sulphuric acid of approved quality and required quantity shall be supplied in separate non-returnable porcelain or any other acid and corrosive proof jars. 10% extra electrolyte shall have to be supplied.

What are the technical specifications of lead-acid batteries?

This article describes the technical specifications parameters of lead-acid batteries. This article uses the Eastman Tall Tubular Conventional Battery (lead-acid) specifications as an example. Battery Specified Capacity Test @ 27 °C and 10.5V The most important aspect of a battery is its C-rating.

Is a lead acid battery a good choice?

The lead acid battery maintains a strong foothold as being rugged and reliable at a cost that is lower than most other chemistries. The global market of lead acid is still growing but other systems are making inroads. Lead acid works best for standby applications that require few deep-discharge cycles and the starter battery fits this duty well.

What are the characteristics of lead acid systems?

Table 1 summarizes the characteristics of lead acid systems. Well-suited for SLI. Low price; large temperature range Big seller, cost effective, fast charging, high power but does not transfer heat as well as gel. Performs well when cold. High ambient rating, high cycle count, less prone to sulfation, needs correct charge; costly.

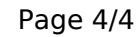


What type of electrolyte should be used in a lead acid cell?

7.2.9 Electrolyte The electrolyte for the cell shall be battery grade sulphuric acid conforming to IS:266-1977 or its latest version amended upto date and diluted with distilled water to specific gravity 1.2 at 27 Deg C. The lead acid cell batteries shall be supplied in dry and uncharged condition.

Are lead-acid batteries leak-proof?

No special handling precautions or shipping containers – surface or air – are required due to leak-proof construction. The high watt-hour per dollar value is made possible by the materials used in a sealed lead-acid battery: they are readily available and low in cost.



A large white AISO 2560 15 2 1SSJ container is shown in a warehouse setting. The container has a yellow warning triangle and a blue square logo. The text on the container includes "AISO 2560 15 2 1SSJ", "WAGROSS 41,000 LBS", "TARE 4,000 LBS", "PCLD 33,000 LBS", "CUBIC 131.76 CU M", and "CUBIC 4,700 CU YD". The container is marked with "3" and "15" on its side.

GEM Battery GF series communication base station lead-acid batteries are used for telecom communication backup power supply, support multi-channel parallel connection, good ...

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