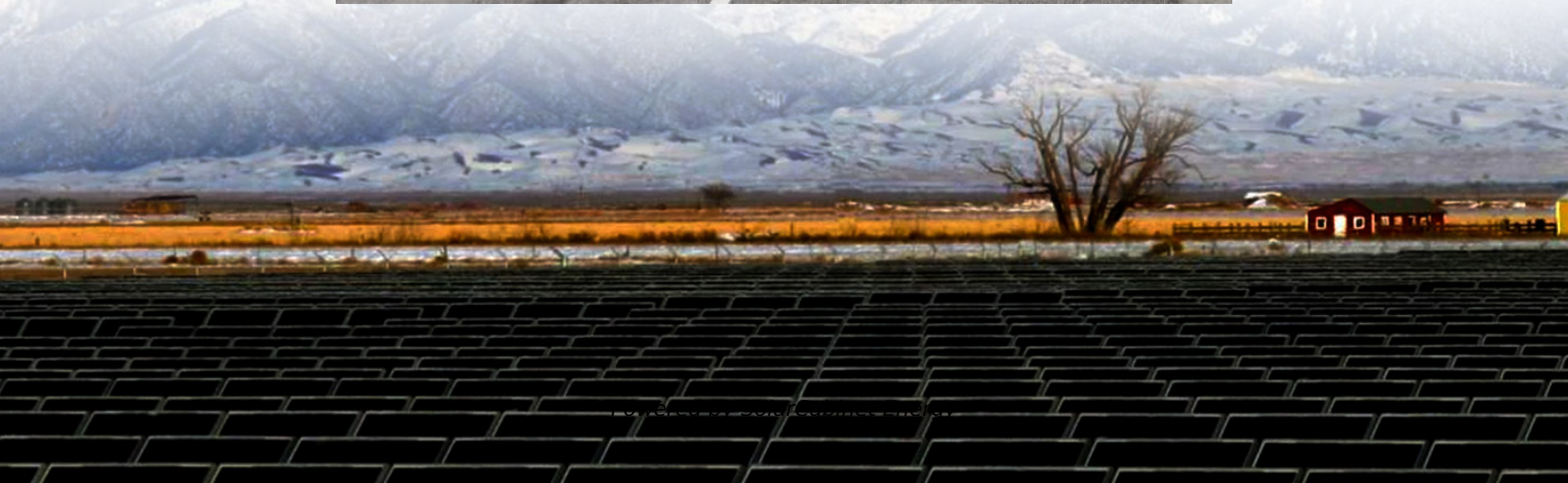


Brazil telecommunication base station lead-acid battery bidding





Overview

Who makes lead-acid batteries in Brazil?

IBER quickly represented a large share of the Brazilian lead-acid battery manufacturers — by 2018, 75% of the lead-acid battery sales in Brazil were from companies represented by IBER (largely an effect of the economic concentration of a few states with ToCs like Sao Paulo), and it represents almost all major manufacturers and importers today. 15.

When did lead-acid batteries need to be certified in Brazil?

On June 14th, 2012, INMETRO (Brazil's National Institute of Metrology, Standardization and Industrial Quality) issued INMETRO Ordinance No. 299/2012. The ordinance established that all lead-acid batteries for vehicles sold in Brazil needed to be certified, and their manufacturers and importers needed to be registered with INMETRO.

Are used batteries enforceable in Brazil?

(Under Brazilian law, customers are theoretically required to return their used batteries to retailers, but this is practically unenforceable.) Per the authors, they broadly seemed to follow best practices around ULAB storage (obviously, selection bias here).

Why do Brazilian battery manufacturers refuse to buy new batteries?

The biggest is that most major Brazilian battery manufacturers refuse to take orders for new batteries without a guarantee that the buyer will return an equivalent amount of scrap. Manufacturers and importers also offer better pricing and payment terms to distributors who return more scrap.

What is Brazil's solution to battery recycling?

At the heart of Brazil's solution is a market-based approach that aligns the economic interests of formal battery manufacturers, importers, and distributors with the country's recycling targets.



Is ULAB recycling a source of lead poisoning in Brazil?

Brazil doesn't have national blood lead level surveys, but there also appears to have been broad concern in academic literature about ULAB recycling as a source of lead poisoning in Brazil since the early 2000s. ¹ This is a relatively short summary of the laws associated with Brazilian ULAB recycling regulation.



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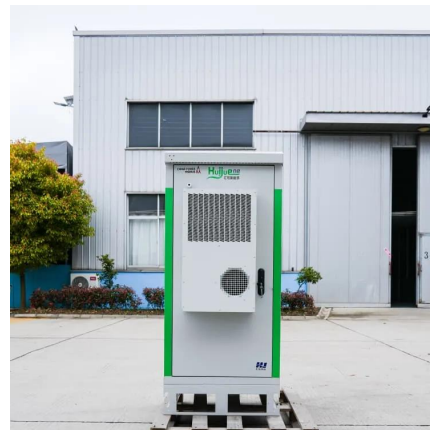


Key Considerations When Installing Lead-Acid Batteries for Telecom Base

When installing lead-acid batteries in telecom base stations, several critical factors must be considered to ensure efficient, safe, and long-lasting performance. Proper installation ...

[Lithium ion battery for telecom industry/towers/backup systems](#)

The lifespan of our telecom batteries is higher than that of other batteries. This is because we are well aware that the stability of telecom base stations is part of social security. We have the ...



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