

Backup power battery cost breakdown in South Africa 2025

Do South Africans need backup batteries?

Load-shedding is here to stay, and as rotational power cuts are expected to persist for the foreseeable future, South Africans are increasingly installing backup batteries to keep their essential appliances up and running. Several prominent brands produce long-lasting lithium-ion battery systems available in South Africa.

How much does a battery system cost in South Africa?

The Sunysk 10.65kWh battery system is available locally for R70,000, which works out to R6,573 per kWh. Hubble's AM-10 battery has the smallest capacity of the lot at 10kWh. However, with a price of R69,495, this works out to R6,950 per kWh. Lastly, the Freedom Won LiTE Home 15/12 system has a capacity of 15kWh and costs R105,720.

Will lithium ion battery prices slow down in 2025?

The rapid decrease in lithium ion battery prices seen in previous years is likely to be slowed down in 2025 due to an uptick in battery material costs. These will in turn be partly offset by falling manufacturing costs propelled by economy of scale and efficiency gains, resulting in a flatter price trajectory.



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Web: <https://www.solarcomplete.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

