

# Australian Energy Storage System Standards



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### Approved batteries

After noting the lack of product safety standards in Australia for battery storage systems, industry associations and safety regulators came together to develop an agreed minimum standard.

### AS5139 Explained

AS5139 is the official safety standard for installing lithium-ion and other battery energy storage systems. It ensures these systems are installed in a way that protects people, property, and



### [Advancing Safety Standards in Battery Storage: Launch of Preliminary](#)

Standards Australia has released the Preliminary Technical Specification TS 5398, Electrical Energy Storage Equipment -Safety Requirements, an important milestone in the evolution

### Technical Guidance

This technical guidance document is intended to provide New Energy Tech (NET) Approved Sellers with guidance on how to comply with the technical requirements of the New Energy Tech Consumer



### Battery Energy Storage Systems

This guidance report has been commissioned by



### **SA TS 5398:2025**

The objective of this document is to provide guidance to the industry on the relevant electrical safety requirements for electrical energy storage (EES) equipment.



### [Battery Energy Storage System Installation requirements](#)

This document explains restrictions which apply to locations and proximity of equipment to Battery Energy Storage Systems. (BESS) AS/NZS 5139:2019 was published on the 11 October 2019 and



### **Battery Storage System Performance**

the Australian Energy Council to initiate and facilitate collaboration amongst its member organisations towards a harmonised leading practice approach for



### **Battery Energy Storage Systems**

Building and Energy has prepared the following guidance to alert electrical contractors and electricians to the safety issues associated with BESS. The guiding principle is one of careful design and



### **Australian Battery Performance Standard**

The Australian Battery Performance Standard development project is about developing an evidence based draft Standard that allows consumers and investors to make informed decisions when looking

## Standard

This report details a proposed Australian Battery Energy Storage System Performance Standard for batteries connected to residential or small-scale commercial solar photovoltaic systems.



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