

## Kongres Container

# Energy storage battery degradation standards



## Overview

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75 gigawatts of additional deployments between 2023 and 2027 across all market segments,<sup>1</sup> with approximately 95% of current projects using Li ion battery technology.<sup>2</sup> Incidents involving fire or explosion are quite rare, with the EPRI Battery Energy Storage System (BESS) Failure Event Database<sup>3</sup>.

This paper presents a comprehensive review aimed at investigating the intricate phenomenon of battery degradation within the realm of sustainable energy storage systems and electric vehicles (EVs). This review consolidates current knowledge on the diverse array of factors influencing battery.

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