

LYTH / NMC battery integration module

LYTH 1P12S 44.4V 169Ah MEB590 NMC Module

Battery module for engineered EV or industrial pack integration. Requires compatible BMS, electrical protection, enclosure and charging/system design; it is not a complete household storage system.

Module nominal energy	Approx. 7.5 kWh
Module nominal capacity	169 Ah
Module nominal voltage	44.4 V
Configuration	1P12S
Chemistry	NMC (also called NCM)
Module voltage range	35.2-52.8 V
Cell / module identification	L221 N169-1P12S
Dimensions	590 × 225 × 116 mm
Weight	33 ±0.5 kg
Cycle life (manufacturer claim)	≥4000 at 25°C, 80% SOH

Reference and supply scope

These are manufacturer model-reference values, not a Gateway stock confirmation or a complete site design. Confirm the offered configuration, accessories, compatibility, availability, warranty and installation scope in the quotation.

Manufacturer product reference: <https://lythbattery.com/2p6s169-22-2v-338ah-nmc-battery-module-meb590-standard/>

The inspected manufacturer page did not provide a downloadable PDF. This document is a Gateway specification summary, not a manufacturer-issued datasheet.

Model page and enquiry: [View this model at Gateway Inventory](#)