

16 kWh Energy Storage Battery

ESSMEZIC | Energy Storage Battery | Model: 16KWH Energy Storage Battery

Floor-standing 16 kWh battery with 90% depth of discharge, 314 Ah cells and parallel expansion up to 63 units.

Capacity	16 kWh
Depth of discharge	90%
Cell	314 Ah
Max parallel	63 units

Technical specifications

Product	16KWH Energy Storage Battery
Nominal energy (product name)	16 kWh
Depth of discharge	90%
Single cell capacity	314 Ah
Maximum units in parallel	63
Expandable system capacity	16.07 kWh to 1,012.83 kWh
Installation	Floor stand with wheels
Display	Touchscreen, real-time battery status
Inverter compatibility	Stated as compatible with major inverter brands (specific models not listed)
Voltage, chemistry, cycle life, dimensions, weight, protocols, warranty	Not specified in the available manufacturer documentation.

Features

- **More usable energy:** 90% depth of discharge.
- **High cell capacity:** Single cell with 314 Ah.
- **High expansibility:** Up to 63 batteries in parallel, scaling from 16.07 kWh to 1,012.83 kWh.
- **Easy installation:** Floor stand with wheels.
- **Inverter compatibility:** Stated as compatible with major inverter brands.
- **Smart display:** Touchscreen control with real-time battery status.

Source and notice

This specification sheet was compiled by Samaa Bitwen Company on 2026-10-28 from the manufacturer's public product page: <https://www.essmezic.com/16KWH-Energy-Storage-Battery-PG12047751>. It is not an official manufacturer datasheet. Fields the manufacturer does not publish are marked as such. Please confirm details with the manufacturer before purchase.

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