

10/12/15 kW IP66 Three-Phase Hybrid Inverter

ESSMEZIC | Hybrid Inverter (parameter table MZ-IVH5000) | Model: 10/12/15KW IP66 Three-Phase Hybrid Inverter

IP66 three-phase hybrid inverter for grid-tied and off-grid operation with 100% unbalanced output.

Power variants	10 / 12 / 15 kW
Phase	Three-phase
Protection	IP66
Max charge/discharge	250 A

Technical specifications

Product	10/12/15KW IP66 Three-Phase Hybrid Inverter
Power variants	10 kW, 12 kW, 15 kW
Phase	Three-phase
Ingress protection	IP66
Operation	Grid-tied and off-grid
Unbalanced output	100%
Maximum charge/discharge current	250 A
Battery connection	Supports multiple batteries in parallel
Generator input	Supports storing energy from diesel generators
Rated AC output per variant, PV input, MPPT, battery voltage, efficiency, temperature range, interfaces, dimensions, weight	Not specified in the available manufacturer documentation.

Features

- **Grid-tied and off-grid:** Designed for both operating modes.
- **Parallel batteries:** Supports multiple batteries in parallel.
- **100% unbalanced output:** Manufacturer-listed three-phase unbalanced output capability.
- **Diesel generator support:** Supports storing energy from diesel generators.
- **High current:** Maximum charging/discharging current of 250 A.
- **IP66 enclosure:** Ingress protection rating stated in the product name.

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/10-12-15KW-IP66-Three-Phase-Hybrid-Inverter-PG12047730>. 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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