



Three-phase hybrid inverter 50 kW

On-grid and off-grid — high-voltage storage

Code **IGP-IN050-N7WD**

50 kW

AC

4

MPPT

IP66

OUTDOOR

98.1 %

EFF.

· THDi <3 %

- 01 Hybrid on-grid / off-grid with UPS function and black start
- 02 4 independent MPPT · 40 A per tracker · 2 strings per MPPT
- 03 Up to 100 kW PV array — 2:1 oversizing
- 04 Max Voc 1000 V · MPPT 180–1000 V · start-up 195 V
- 05 380/400 V three-phase (3P3W+PE or 3P4W+PE) · 50/60 Hz

- 06 High-voltage battery 200–900 V · 3 inputs · BMS RS485/CAN
- 07 Backup 50 kW / 75 kVA · overload 150 % 10 s · transfer ≤10 ms
- 08 No derating up to 50 °C · –30 °C to +60 °C · air cooling
- 09 100 % unbalanced-load capability · suitable for weak grids (SCR <1.2)
- 10 CE/CB · IEC 62109-1/-2 · IEC 62477-1 · IEC 62116 · IEC 61727

Specifications prepared by ICO GP, S.A. from official manufacturer documentation. They may vary by production batch and are subject to technical improvement without notice. The model described here is one of many possible models: depending on the customer's requirements, what is proposed is detailed in the official offer. This document is not an offer: terms and availability are confirmed in writing at the order stage.