



Single-phase hybrid inverter 3–6 kW

Residential 230 V — <10 ms backup transfer

Code **IGP-IN006-8NF3**

3–6 kW

AC

97.3 %

EFF.

2

MPPT

IP65

OUTDOOR

- 01 Single-phase hybrid for residential use — 3 / 3.6 / 3.68 / 4.6 / 5 / 6 kW nominal
- 02 Maximum efficiency 97.3 % · European efficiency 96.8 %
- 03 Up to 10,000 W of PV array across the range
- 04 2 MPPT · 70–540 V · 18 A per tracker · max PV voltage 550 V
- 05 48 V battery (40–65 V) · lithium or lead-acid · 75 / 110 / 135

A by model

- 06 Grid 220/230/240 V · 50/60 Hz · THDi <3 % · power factor >0.99
- 07 Backup transfer <10 ms · 200 % for 10 s (166 % on the 6 kW) · 120 % for 1 min
- 08 Up to 9 units in parallel · on-grid and off-grid · generator ready
- 09 IP65 indoor or outdoor · –25 °C to +60 °C (derating above 45 °C) · 377 × 452 × 206 mm · 20 kg
- 10 CEI 0-21 · EN 50549-1/-10 · VDE 4105 · G98/G99 · IEC 62109-1/-2 · 5-year warranty (10 optional)

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.