

Split-phase hybrid inverter — 10 kW

120 V single-phase / 240 V split-phase · 60 Hz · 48 V battery · dual MPPT

10,000 W OUTPUT	20,000 W PEAK	2 MPPT 11,000 W PV	10 ms TRANSFER
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- **120 V single-phase or 240 V split-phase**, selectable — covers the two most common installations.
- **Dual MPPT, 5,500 W each** — up to 11,000 W of PV: 17 modules of 640 W.
- **Overload up to 20,000 W** — motors, pumps and air conditioning.
- **Grid input 90–140 V AC** and backup with 10 ms transfer.
- **BMS communication** with lithium batteries (RS485 / CAN).
- **Parallel connection** to grow in power without replacing the unit.

OUTPUT AND INVERTER

Rated power	10,000 W
Peak power	20,000 W
Output voltage	120 Vac single-phase / 240 Vac split-phase
Frequency	50 / 60 Hz
Waveform	Pure sine wave
Transfer time	10 ms (typical)
Parallel	Yes

INPUTS AND GENERAL DATA

Battery	48 Vdc (40–60 V)
Battery type	Lithium / lead-acid
PV per MPPT	5,500 W + 5,500 W
MPPT trackers	2
Grid input	90 – 140 Vac
Communication	RS485 / CAN / USB
Weight	27 kg
Protection	IP20 — indoor
Temperature	–10 °C ~ +55 °C
Warranty	5-year warranty

Product supplied under the ICO GP, S.A. brand. Figures taken from the official factory documentation. Specifications subject to technical improvement without notice. Rev. 08/2026.