

Ingecon®Hybrid

SINGLE PHASE

10

Medium size off grid installations

Ingecon®Hybrid is the solution for medium sized stand-alone grids. The inverter generates a single-phase voltage grid for consumption of up to 10 kVA, based on renewable energy sources and accumulators.

The inverter acts as an energy manager, guaranteeing a balance between power generation, accumulation and consumption, connecting the back-up generator whenever necessary.

The **Ingecon®Hybrid** is equipped with a PV array ground fault monitor and with a short circuitable output suitable for motor start-up.

The monitoring, control and parameter configuration can either be made on-site using the front display and keypad or remotely through the **Ingecon®Hybrid Monitor** software.

3 year guarantee, extendable to 25 years.



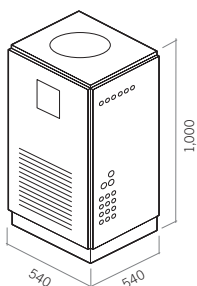
Protections

- Against low transient surges by varistors.
- PV array insulation failure.
- Output short-circuits and overloads.
- Lightning suppressors.

Size and weight

(mm)

IngeconHybrid
10 110 kg.



Technical data

Model	IngeconHybrid
PV Input	
Power	10 kW
Battery Input	
Rated voltage	120 Vdc
Maximum bank current	100 A
Auxiliary Input	
Electricity generator automatic management	
Battery charging from the auxiliary input	
Output	
Rated power	10 kVA
Output voltage	220 - 250 Vac single - phase
Output frequency	50 - 60 Hz
THD	<4%
Phi Cosine	-1 to 1
Efficiency	
Maximum efficiency	>93%
General Information	
Ambient temperature	-10°C to +45 °C
Protection class	IP 20
Compliance with standards	CE Mark

