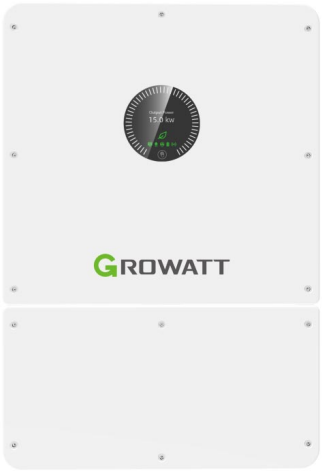


Inverter GROWATT WIT 15K-HU 48V LV Battery inverter 15000W IP66

Product code 19431

Growatt WIT 4–15K-HU – versatile hybrid inverter for residential and commercial solutions

The Growatt WIT 4–15K-HU series is designed for efficient solar energy production and storage, offering an inverter, battery charger, and grid connection in one device. These three-phase hybrid inverters are ideal for homes and small commercial projects where maximum self-consumption, energy independence, and reliable backup power are essential.

Key Features:
– Hybrid solution: combines solar energy generation, battery storage, and grid energy usage.
– Three-phase output with 100% phase unbalance capability.
– Built-in UPS function with a fast switchover time of up to 10 ms during power outages.
– Ability to connect two battery clusters directly without an additional combiner box.
– Supports 40–60 V lead-acid and lithium-ion batteries, including Growatt AXE low-voltage battery systems.
– High efficiency: European efficiency up to 97%, MPPT efficiency up to 99.9%.
– Integrated generator input and smart load control.
– Maximum charge/discharge current up to 290 A (depending on the model).
– IP66 protection rating and operating temperature range from –30°C to +60°C.

Advantages:
– Increases self-consumption and reduces dependence on the power grid.
– Provides reliable backup power for critical loads.
– Scalable – compatible with modular batteries for easy expansion.
– Flexible installation for both indoor and outdoor environments.
– Real-time monitoring via OLED/LED display and app.

Technical Specifications (depending on the model):
– Nominal AC power: 4 kW to 15 kW
– Maximum recommended PV power: 6.4 kW to 24 kW
– MPP trackers: 1–2

Suitability:
This series is the perfect choice when the goal is to maximise solar energy utilisation, ensure a flexible battery solution, and maintain reliable operation even during power outages.

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Warranty	5 years
Brand	GROWATT
Output voltage	400V
Output	15000W
Maximum output	15000W
Rated current	50A
Protection class	IP66
Operation temperature	–30°C ... +60°C
Manufacturer’s homepage	en.growatt.com/products/wit-4-15k-hu