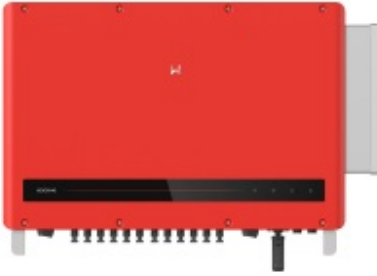


GoodWe GW120K-HT | z AFCI

Product code: F.Goodwe.3F.wifi.01200.K-HT



Compact GoodWe GW120K-HT Inverter | High-Power with AFCI – Ideal for Large PV Installations

The HT series is a high-performance inverter for commercial systems and small farms. With its high power density, it enables optimal space utilization and reduces the number of devices required. It is compatible with high-power modules, enhancing the profitability of the installation. It supports monitoring and energy export control using the GoodWe SEC1000 controller.

Product variants

Index	Price
GoodWe GW120K-HT z AFCI F.Goodwe.3F.wifi.01200.K-HT	Product prices only visible after login. If you do not have an account, please register.

Product description

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Maximum Efficiency and Safety for Every Installation

HT series inverters provide up to 10% more power at temperatures up to 45°C and feature up to 12 MPPTs and 15A per DC string – perfect for high-power modules. Optional PLC technology and AFCI protection enhance functionality and safety. The IP66-rated enclosure and C5 protection shield it from dust, water, and corrosion. This solution is designed for efficiency, cost savings, and compliance with strict industrial standards.

Technical Specifications of the GoodWe GW120K-HT Inverter | with AFCI

DC (Input)

PV Generator Power: 180 kWp

Max. DC Voltage: 1100 V

MPPT Voltage Range: 180 – 1000 V

Number of MPPTs: 12

Max. Current per MPPT: 30 A

Startup Voltage: 200 V

AC (Output)

Nominal Power: 120 kW

Max. Output Power: 132 kVA

Output Current: up to 191.3 A

Voltage: 400 V, 3L/N/PE

Frequency: 50/60 Hz

THD: <3%

General

Max. Efficiency: 98.6%

European Efficiency: 98.3%

Operating Temperature Range: -30°C to +60°C

Dimensions: 1008 × 678 × 343 mm

Weight: 98.5 kg

Protection Rating: IP66

Communication: RS485, PLC, WiFi, Bluetooth

Topology: Transformerless

Cooling: Active (Fans)

HT Series Inverters, like the GoodWe GW120K-HT, form the backbone of efficient PV systems in the B2B segment. They are ideal for large photovoltaic farms and commercial rooftop PV installations, where reliability, scalability, and optimization of capital costs are crucial.