

GoodWe GW15K-ET-20 G2 AFCI

Product code: F.Goodwe.3F.H.ETAFCI.wifi.01500



GoodWe GW15K-ET-20 – 15 kW Hybrid Inverter with 3 MPPT and Maximum Efficiency

The GoodWe GW15K-ET-20 is the most powerful model in the ET G2 series of hybrid inverters, offering a nominal power of 15 kW and three independent MPPTs, making it an ideal solution for large photovoltaic installations. The device is designed for large households, multi-family buildings, and commercial facilities where reliability, maximum self-consumption, and full integration with energy storage are required.

Thanks to the backup power function (UPS), the inverter ensures uninterrupted operation of systems even during grid failures — delivering up to 18 kVA for 60 seconds. Support for advanced operating modes and integration with SG Ready-compatible devices allow dynamic energy consumption management and cost optimization.

Product variants

Index	Price
GoodWe GW15K-ET-20 G2 AFCI F.Goodwe.3F.H.ETAFCI.wifi.01500	Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages and Features:

Highest power in the series – 15 kW, ideal for large installations

Three independent MPPTs – efficient operation with various PV configurations

Backup power up to 18 kVA

Support for high-voltage lithium-ion batteries (150–720 V)

Built-in Smart Meter and full integration with BMS systems

Communication: WiFi, LAN, Bluetooth, RS485, CAN

Natural cooling, quiet operation <45 dB

AC/DC protections, AFCI, surge and overcurrent protection

Technical Specifications (Key Parameters):

Inverter type: Hybrid, three-phase

AC output power: 15,000 W

Number of MPPTs: 3

Max efficiency: 98.2%

European efficiency: 97.5%

Battery voltage range: 150 – 720 V

Max charging/discharging power: 24,000 W / 16,500 W

Max PV power: 24,000 W

MPPT voltage range: 120 – 850 V

Nominal input voltage: 620 V

Nominal AC output voltage: 400 / 380 V

Max AC output current: 21.7 A

Backup power (UPS): 15,000 VA (up to 18,000 VA for 60 seconds)

Night consumption: <15 W

Dimensions: 496 × 460 × 221 mm

Weight: 25 kg

Noise level: <45 dB

Protection rating: IP66

Topology: Non-isolated

The GoodWe GW15K-ET-20 is an excellent choice for large installations where power, stability, reliability, and advanced energy management capabilities matter. Thanks to its specifications, it is suitable for modern homes as well as commercial applications.
