

GoodWe GW8000-ET-20 AFCI

Product code: Goodwe.GW8000-ET.20.AFCI



GoodWe GW8000-ET-20 – 8 kW Hybrid Inverter with 2 MPPT and Emergency Power Supply (UPS)

The GoodWe GW8000-ET-20 is an advanced three-phase hybrid inverter of the new-generation ET G2 series, designed for installations with medium to high energy demands. It allows simultaneous operation with a photovoltaic system and an energy storage unit, ensuring uninterrupted power supply even during grid failures (UPS function). Its integrated operating modes help optimize energy usage, increase self-consumption, and significantly reduce electricity bills.

The device is fully compatible with high-performance GoodWe lithium-ion batteries, EV chargers, and other smart devices supporting the SG Ready standard. Its robust construction (IP66) and quiet operation (<30 dB) make it an ideal solution for both private users and small businesses.

Product variants

Index	Price
GoodWe GW8000-ET-20 AFCI Goodwe.GW8000-ET.20.AFCI	Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages and Features:

UPS Function – Instant switch to emergency mode with no power interruption

Energy storage support with high-voltage batteries (150–720 V)

2 MPPTs – Flexible adaptation to various PV panel configurations

Built-in Smart Meter – Real-time accurate energy measurement

Communication: RS485 / CAN / WiFi / LAN / Bluetooth

Supports SG Ready smart appliances and EV chargers

Natural cooling, weather-resistant (IP66)

Remote control and monitoring via mobile app and online portal

Technical Specifications (Key Parameters):

Inverter Type: Hybrid, Three-Phase

AC Output Power: 8,000 W

Number of MPPTs: 2

Max Efficiency: 98.0%

European Efficiency: 97.2%

Battery Voltage Range: 150 – 720 V

Max Charging/Discharging Power: 12,000 W / 8,800 W

Max PV Input Power: 12,800 W

MPPT Voltage Range: 120 – 850 V

Nominal Input Voltage: 620 V

Nominal AC Output Voltage: 400 / 380 V

Max AC Output Current: 11.6 A

Backup Power (UPS): 8,000 VA (up to 16,000 VA for 60 seconds)

Night Consumption: <15 W

Dimensions: 496 × 460 × 221 mm

Weight: 23 kg

Noise Level: <30 dB

Protection Rating: IP66

Topology: Non-isolated

Thanks to its versatility and smart energy management features, the GoodWe GW8000-ET-20 gives users full control over electricity generation and consumption. It's the perfect solution for those looking to not only save on energy costs but also enhance the energy independence of their photovoltaic installation.

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