

GoodWe GW20K-ET Hybrid

Product code: F.Goodwe.3F.H.ET.wifi.00200



Manufacturer	GOODWE
Inverter type	Hybrid
Inverter phases	3
Max. AC power	20000
Max. DC power	30000
Output power	30000
Circuit breaker value	63
MPPT	2
Amperage	30
WIFI	Tak
Ethernet	No
Compatible energy storage	Pylontech, Goodwe, BYD
Compatible optimizers	Tigo
Warranty	5
CN code number	85044086
Quantity per pallet	20
Country of origin	China
Weight	25
Width	41
Height	51
Depth	18

The GoodWe GW20K-ET inverter has been specially designed to meet the growing demands of photovoltaic installations, especially those with high power on rooftops. As part of the ET series, this inverter offers a range of advantages that allow for increased efficiency and flexibility of the system. Advantages of the GoodWe GW20K-ET inverter: The inverter is adapted to the increasing power of PV modules, which affects the overall requirements placed on photovoltaic installations. Ideal for use in high-power rooftop solar installations, making it a suitable solution for advanced PV systems. It features functions that facilitate emergency power supply, with very fast switching to UPS mode (less than 10 ms), ensuring continuous power supply in case of failure. Effectively reduces peak loads through peak-shaving, contributing to the optimization of the photovoltaic installation's performance. Provides the ability to control the load, allowing for increased self-consumption of energy and reduction of electricity costs. Can be combined with energy storage systems of various capacities and brands, including GoodWe Lynx Home F, increasing the flexibility and efficiency of the system.

Product variants

Index	Price
-------	-------

GoodWe GW20K-ET Hybrid
F.Goodwe.3F.H.ET.wifi.00200

Product prices only visible after login. If you do not have an account, please register.

Product description

The GoodWe GW20K-ET inverter has been specially designed to meet the growing demands of photovoltaic installations, especially those with high power on rooftops. As part of the ET series, this inverter offers a range of advantages that allow for increased efficiency and flexibility of the system.

Advantages of the GoodWe GW20K-ET inverter:

The inverter is adapted to the increasing power of PV modules, which affects the overall requirements placed on photovoltaic installations.

Ideal for use in high-power rooftop solar installations, making it a suitable solution for advanced PV systems.

It features functions that facilitate emergency power supply, with very fast switching to UPS mode (less than 10 ms), ensuring continuous power supply in case of failure.

Effectively reduces peak loads through peak-shaving, contributing to the optimization of the photovoltaic installation's performance.

Provides the ability to control the load, allowing for increased self-consumption of energy and reduction of electricity costs.

Can be combined with energy storage systems of various capacities and brands, including GoodWe Lynx Home F, increasing the flexibility and efficiency of the system.

Technical specifications of the GoodWe GW20K-ET inverter:

Battery type: Li-Ion

Battery voltage range (V): 200 ~ 800

Start-up voltage (V): 200

Number of battery inputs: 1

Max. continuous charging current (A): 50

Max. continuous discharging current (A): 50

Max. charging power (W): 20000

Max. discharging power (W): 20000

Max. input power (W): 30000

Max. input voltage (V): 1000

MPPT working voltage range (V): 200 ~ 850

Start-up voltage (V): 200

Nominal input voltage (V): 620

Max. input current per MPPT (A): 30

Max. short-circuit current per MPPT (A): 38

Number of MPPTs: 2

Number of PV module strings per MPPT: 2/2

Nominal output apparent power to the grid (VA): 20000

Max. output apparent power to the grid (VA): 22000

Max. apparent power from the grid (VA): 30000

Max. AC output current to the grid (A): 33.3

Max. AC current from the grid (A): 45.0

Max. efficiency: 98.0%

GoodWe is a global leader in the production of photovoltaic inverters and energy storage solutions, listed on the Shanghai Stock Exchange. The installed capacity of their inverters is 23 GW in over 100 countries. The company, employing over 2000 employees in 15 countries, is a leader in the production of hybrid inverters according to the Wood Mackenzie 2020 report. GoodWe has also been recognized by IHS Markit as one of the top ten inverter manufacturers, winning six consecutive awards in the TUV Rheinland "All Quality Matters" competition.