

GoodWe GW15K-ET Hybrid

Product code: F.Goodwe.3F.H.ET.wifi.00150



Manufacturer	GOODWE
Inverter type	Hybrid
Inverter phases	3
Max. AC power	15000
Max. DC power	22500
Output power	20000
Circuit breaker value	40
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	35
Height	43
Depth	15

The GoodWe GW15K-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 benefits that allow for increased efficiency and flexibility of the system. Advantages of the GoodWe GW15K-ET inverter: The inverter is adapted to the increasing power of PV modules, affecting the overall requirements for 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 emergencies. Effectively reduces peak loads through peak-shaving, contributing to the optimization of photovoltaic installation performance. Provides the ability to control the load, enabling increased energy self-consumption and reduction of electricity costs. Can be combined with energy storage systems of various capacities and brands, including the GoodWe Lynx Home F, increasing system flexibility and efficiency.

Product variants

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Product description

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Advantages of the GoodWe GW15K-ET inverter:

The inverter is adapted to the increasing power of PV modules, affecting the overall requirements for photovoltaic installations.

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

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

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

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

Technical data of the GoodWe GW15K-ET inverter:

Battery type: Li-Ion

Nominal battery voltage (V): 500

Battery voltage range (V): 200 ~ 800

Starting voltage (V): 180

Number of battery inputs: 1

Max. continuous charging current (A): 50

Max. continuous discharge current (A): 50

Max. charging power (W): 15000

Max. discharge power (W): 15000

Max. input power (W): 22500

Max. input voltage (V): 1000

MPPT working voltage range (V): 200 ~ 850

Startup 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 strings per MPPT: 2/2

Nominal apparent output power to the grid (VA): 15000

Max. apparent output power to the grid (VA): 16500

Max. apparent power from the grid (VA): 22500

Max. AC output current to the grid (A): 25.0

Max. AC current from the grid (A): 34.0

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 2020 Wood Mackenzie report. GoodWe has also been recognized by IHS Markit as one of the top ten inverter manufacturers, winning six awards in a row in the TUV Rheinland "All Quality Matters" competition.