

## GoodWe GW29.9K-ET Hybrid

Product code: F.Goodwe.3F.H.ET.wifi.00299



Manufacturer	GOODWE
Inverter type	Hybrid
Inverter phases	3
Max. AC power	30000
Max. DC power	45000
Output power	6500
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	24
Width	41
Height	51
Depth	18

The GoodWe GW29.9K-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 GW29.9K-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 failure. Effectively reduces peak loads through peak-shaving, contributing to the optimization of the performance of the photovoltaic installation. Provides the possibility of load control, allowing for increased self-consumption of energy and reduction of electricity costs. Ability to connect to energy storage systems of different capacities and brands, including GoodWe Lynx Home F, increasing the flexibility and efficiency of the system.

## Product variants

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

Index	Price
<b>GoodWe GW29.9K-ET Hybrid</b> <b>F.Goodwe.3F.H.ET.wifi.00299</b>	Product prices only visible after login. If you do not have an account, please register.

## Product description

The GoodWe GW29.9K-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 GW29.9K-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 failure.
- Effectively reduces peak loads through peak-shaving, contributing to the optimization of the performance of the photovoltaic installation.
- Provides the possibility of load control, allowing for increased self-consumption of energy and reduction of electricity costs.
- Ability to connect to energy storage systems of different capacities and brands, including GoodWe Lynx Home F, increasing the flexibility and efficiency of the system.

Technical data of the GoodWe GW29.9K-ET inverter:

- Battery type: Lithium-ion
- Battery voltage range (V): 200800
- Max. charging current (A): 50 × 2
- Max. discharge current (A): 50 × 2
- Max. charging power (W): 30000
- Max. discharge power (W): 30000
- Max. DC input power (W): 45000
- Max. DC input voltage (V): 1000
- MPPT voltage range (V): 200850
- 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 MPP trackers: 3
- Number of PV module strings per MPPT: 2/2/2
- 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 people 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.