

GoodWe GW29.9K-ET Hybrid

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



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|---------------------------|-------------------------------|
| 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

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Product description

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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.