

## GoodWe GW5KN-ET PLUS+ ( 16A ) Hybrid Backup

Product code: F.Goodwe.3F.H.KNETPLUS.wifi.000500



Manufacturer	<b>GOODWE</b>
Inverter type	<b>Hybrid</b>
Inverter phases	<b>3</b>
MPPT	<b>2</b>
Ethernet	<b>No</b>
Compatible energy storage	<b>Pylontech, Goodwe</b>

### Hybrid Inverter GoodWe GW5KN-ET PLUS+: Central Point of Your Photovoltaic System

The GoodWe GW5KN-ET PLUS+ hybrid inverter plays a crucial role as the central hub of your photovoltaic installation, seamlessly integrating with your energy storage system. Its design focuses on three primary objectives: maximizing output power, increasing self-consumption, and facilitating emergency power supply. With intelligent load control and a wide battery voltage range, the entire setup is highly flexible, allowing for customization to fit the individual needs of your home ecosystem. By combining the inverter with the GoodWe Lynx Home F energy storage system, you achieve a comprehensive and reliable solution.

## Product variants

Index	Price
<p><b>GoodWe GW5KN-ET PLUS+ ( 16A ) Hybrid Backup</b> F.Goodwe.3F.H.KNETPLUS.wifi.000500</p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

## Product description

### Hybrid Inverter GoodWe GW5KN-ET PLUS+: Central Point of Your Photovoltaic System

The GoodWe GW5KN-ET PLUS+ hybrid inverter plays a crucial role as the central hub of your photovoltaic installation, seamlessly integrating with your energy storage system. Its design focuses on three primary objectives: maximizing output power, increasing self-consumption, and facilitating emergency power supply. With intelligent load control and

a wide battery voltage range, the entire setup is highly flexible, allowing for customization to fit the individual needs of your home ecosystem. When combined with the GoodWe Lynx Home F energy storage system, it provides a comprehensive and reliable solution.

Advantages of the GoodWe GW5KN-ET PLUS+ Inverter:

Fanless and Quiet Operation: Ensures silent performance.

Emergency Power Supply with Uninterrupted Switching (<10ms): Provides immediate backup power.

Smart Home Integration: Compatible with home automation systems.

Technical Specifications of the GoodWe GW5KN-ET PLUS+ Inverter:

Number of Input Terminal Pairs: 2

Number of MPPT: 2

Nominal Output Power (W): 5000

Power Factor Adjustment Range: ~1 (adjustable from 0.8 leading to 0.8 lagging)

Total Harmonic Distortion (THD): <3%

DC Switch: Yes

Cooling: Convection

External Ports: RS485, CAN, WiFi

Display: LED indicators + app

Certificates: NC RfG

Protection Degree: IP-66

Dimensions: 415 x 516 x 180 mm

Weight: 24 kg

Operating Temperature: -35 to +60°C

Relative Humidity: 0 - 95% non-condensing

Maximum Efficiency: 98.2%

EU Efficiency: 97.5%

The GoodWe GW5KN-ET PLUS+ inverter offers a comprehensive solution for photovoltaic installations with energy storage systems, combining energy efficiency, configurational flexibility, and secure emergency power supply.