

GoodWe GW5000D-NS | without wifi connection

Product code: F.Goodwe.1F.withoutwifi.00050



Manufacturer	GOODWE
Inverter type	On-grid
Inverter phases	1
Max. AC power	5000
Output power	5000
MPPT	2
WIFI	Nie
Ethernet	No
Compatible optimizers	Tigo
Warranty	5
CN code number	85044085
Quantity per pallet	42
Country of origin	China
Weight	15
Width	35
Height	43
Depth	15

The GoodWe DNS series of grid-tied inverters are single-phase devices designed for on-grid operation, which, thanks to their small size and lightweight, are perfectly suited for home installations. Designed with reliability and extended lifespan in mind, in line with modern market standards, the DNS series offers exceptional functionality in its class. It has an IP65 protection rating, allowing installation both indoors and outdoors. Additionally, passive cooling and fanless design ensure quiet operation of the devices. With a low startup voltage of only 80V and the widest MPPT voltage range from 80 to 550V, the GoodWe GW5000D-NS inverter offers greater possibilities for home systems. The GoodWe DNS series is also extremely lightweight, 30% lighter than other inverters.

Product variants

Index	Price
<p>GoodWe GW5000D-NS without wifi connection</p> <p>F.Goodwe.1F.withoutwifi.00050</p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

Product description

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Advantages of the GoodWe GW5000D-NS inverter:

Startup voltage 80V

Wide MPPT voltage range

Small, lightweight, and easy to install

Natural cooling and quiet operation

Power export limitation function

Technical data of the single-phase GoodWe GW5000D-NS inverter:

Max. input voltage (V) 600

MPPT operating voltage range (V) 80 ~ 550

Startup voltage (V) 80

Nominal input voltage (V) 360

Max. input current per MPPT (A) 11

Max. short-circuit current per MPPT (A) 13.8

Number of MPPTs: 2

Number of strings of PV modules per MPPT: 1

Rated output power (W): 5000

Rated apparent output power (VA): 5000

Max. AC active power (W): 5000

Max. AC apparent power (VA): 5000

Rated output voltage (V) 220 / 230

Rated AC frequency (Hz) 50 / 60

Max. efficiency 97.8%

Weight (kg) 13.0

Dimensions (width × height × depth mm) 354 × 433 × 147

IP65 protection rating

DC connector MC4

AC connector Plug & Play Connettore

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 workers in 15 countries, is a leader in the production of hybrid inverters according to the Wood Mackenzie report from 2020. 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.