

GoodWe GW6.5K-ET PLUS+ (12.5A) Hybrid Backup

Product code: F.Goodwe.3F.H.ETPLUS.wifi.00065



Manufacturer	GOODWE
Inverter type	Hybrid
Inverter phases	3
Max. AC power	6500
Max. DC power	9700
Output power	10000
Circuit breaker value	25
MPPT	2
WIFI	Tak
Ethernet	No
Compatible energy storage	Pylontech, Goodwe, BYD
Compatible optimizers	Tigo
Warranty	5
CN code number	85044085
Quantity per pallet	20
Country of origin	China
Weight	16
Width	41
Height	52
Depth	18

The hybrid inverter GoodWe GW6.5K-ET PLUS+ plays a key role as the central point of a photovoltaic installation, harmoniously collaborating with the energy storage system. Its design focuses on three main objectives: maximizing output power, increasing self-consumption, and facilitating emergency power supply. Thanks to intelligent load management and a wide battery voltage range, the entire system is extremely flexible, allowing for customization to individual needs within the entire home ecosystem. By combining the inverter with the GoodWe Lynx Home F energy storage system, a comprehensive and reliable solution is achieved.

Product variants

Index	Price
GoodWe GW6.5K-ET PLUS+ (12.5A) Hybrid Backup F.Goodwe.3F.H.ETPLUS.wifi.00065	Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages of the GoodWe GW6.5K-ET PLUS+ inverter:

No fans and quiet operation

Emergency power supply with uninterrupted switching <10ms

Integration with smart home systems

Technical data of the GoodWe GW6.5K-ET PLUS+ inverter:

Maximum recommended DC power [W]: 8450

Maximum input current [A]: 12.5

Maximum short-circuit current [A]: 15.2

MPPT voltage range [Vdc]: 200 - 850

Start-up voltage [V]: 180

Number of MPPT tracking points: 2

Series per MPPT: 1

Nominal AC power [W]: 6500

Nominal AC current [A]: 19.7

Maximum efficiency: 98.00%

Maximum battery efficiency under load: 97.50%

Dimensions (length x width x height) [mm]: 415 x 516 x 180

Weight [kg]: 24

Degree of protection: IP66

Topology: Transformerless

Warranty: 5 years

The GoodWe GW6.5K-ET PLUS+ inverter provides a comprehensive solution for photovoltaic installations with energy storage systems, combining energy efficiency, configurational flexibility, and safe emergency power supply.