

FoxESS T12 G3

Product code: F.FOX.3F.wifi.00120-G3



Manufacturer	FOXESS
Inverter type	On-grid
Inverter phases	3
Max. AC power	12000
Max. DC power	18000
Output power	12000
Circuit breaker value	25
MPPT	2
Amperage	14
WIFI	Tak
Ethernet	No
Compatible optimizers	Tigo
Warranty	12
CN code number	85044086
Quantity per pallet	14
Country of origin	China
Weight	48
Width	38
Height	48
Depth	19

Inverters from the T series have been specially designed for three-phase residential installations and smaller commercial installations. They are characterized by unmatched performance and versatility, allowing for longer periods of energy generation. Three-phase versions of the inverters are available in power ranges from 3 kW to 25 kW. The FoxESS T12-G3 inverter is a three-phase device that guarantees maximum performance, reliability, and long lifespan for the user. Additionally, the FoxESS T12-G3 inverter stands out for its high-quality construction, thanks to the use of components from renowned brands during production. This significantly affects the quality and durability of the inverter's operation. FoxESS products feature a unique radiator and integrated cooling fins with the housing, ensuring optimal contact with heat-generating elements. The cooling fins have a characteristic star shape, increasing the cooling surface area.

Product variants

Index	Price
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Product prices
only visible after
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not have an
account, please
register.

Product description

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Advantages of the FoxESS T12 G3 three-phase inverter / G3 series:

- Flexible configuration, ready for installation, easy to expand
- Set with high-voltage FoxESS batteries creates the most efficient connection
- IP65 class Designed for installation in any environment
- Monitor device operation remotely using the website or mobile application

Technical data of the FoxESS T12 G3 three-phase inverter:

Maximum recommended DC power [W]: 18000 W

Maximum DC voltage [V]: 1100 V

Nominal operating DC voltage [V]: 600 V

Maximum input current (input A / input B) [A]: 14 / 14 A

Maximum short-circuit current (input A / input B) [A]: 18.2 / 18.2 A

MPPT voltage range [Vdc]: 140 - 1000 V DC

Starting voltage [V]: 140 V

Number of MPPT points: 2

Number of inputs per MPPT: 1+1

Rated output power [W]: 12000 W

Maximum apparent AC power [VA]: 13200 VA

Rated AC frequency [Hz]: 50/60, ±5

Rated AC current [A]: 17.4 A

Maximum AC current [A]: 19.1 A

MPPT efficiency [%]: 99.8%

Maximum efficiency [%]: 98.6%

Dimensions (WxHxD): 480 x 370 x 183.5 mm

Weight: 17 kg

Degree of protection: IP65

Topology: transformerless

Pollution degree: II

Monitoring module: RS485, WIFI (standard) / GPRS (optional) / 4G (optional) / LAN (optional)

Communication: energy meter, DRM, USB update, E-stop

Display: LCD display, touch button, application, website

FoxESS is a global leader in the production of photovoltaic inverters. During the production process of energy storage solutions, it utilizes the latest standards, resulting in devices with advanced features and characterized by high performance and reliability during operation.
