

FoxESS T3 G3

Product code: F.FOX.3F.wifi.00030.G3



Manufacturer	FOXESS
Inverter type	On-grid
Inverter phases	3
Max. AC power	3000
Max. DC power	4500
Output power	3000
Circuit breaker value	16
MPPT	2
Amperage	14
WIFI	Tak
Ethernet	No
Compatible optimizers	Tigo
Warranty	12
CN code number	85044085
Quantity per pallet	14
Country of origin	China
Weight	48
Width	38
Height	48
Depth	19

The inverters from the T series have been specially designed for three-phase residential installations and smaller commercial installations. They are characterized by unparalleled efficiency and versatility, allowing for extended periods of energy generation. Three-phase versions of the inverters are available in power ranges from 3 kW to 25 kW. The FoxESS T3-G3 inverter with a power of 3 kW is a three-phase device that guarantees the user maximum efficiency, reliability, and long lifespan. Additionally, the 3 kW FoxESS T3-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. The FoxESS product features a unique radiator and cooling fin integrated into the housing, ensuring optimal contact with heat-generating elements. The cooling fins have a star-shaped design, which increases the cooling surface.

Product variants

Index	Price
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Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages of the three-phase FoxESS T3 G3 inverter / G3 series:

Flexible configuration, ready for installation, easy to expand

A 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 three-phase FoxESS T3 G3 inverter:

Maximum recommended DC power [W]: 4500 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 to MPPT: 1+1

Rated output power [W]: 3000 W

Maximum AC apparent power [VA]: 3300 VA

Rated AC network frequency [Hz]: 50/60, ±5

Rated AC current [A]: 4.3 A

Maximum AC current [A]: 4.8 A

Power factor regulation range: 1 (adjustment 0.8 leading to -0.8 lagging)

Total harmonic distortion THD: <3%

MPPT efficiency [%]: 99.8 %

Maximum efficiency [%]: 98.6%

Dimensions (WxHxD): 480 x 370 x 183.5 mm

Weight: 17 kg

Protection class: 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 uses the latest standards, resulting in devices with advanced features and high performance and reliability during operation.