

## FoxESS T6 G3

Product code: F.FOX.3F.wifi.00060-G3



Manufacturer	FOXESS
Inverter type	On-grid
Inverter phases	3
Max. AC power	6000
Max. DC power	9000
Output power	6000
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

Inverters from the T series have been specially designed for three-phase residential installations and smaller commercial installations. They are characterized by unparalleled performance 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 T6-G3 inverter is a three-phase device that guarantees maximum efficiency, reliability, and long lifespan for the user. Additionally, the FoxESS T6-G3 inverter stands out for its high-quality construction, thanks to the use of components from renowned brands during production. This significantly impacts the quality and durability of the inverter's operation. FoxESS products feature a unique radiator and integrated cooling fins in the housing, ensuring optimal contact with heat-generating components. The cooling fins have a distinctive star shape, increasing the cooling surface area.

## Product variants

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**FoxESS T6 G3**  
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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 T6 G3 inverter / 3-phase G3 SERIES:

Flexible configuration, ready for installation, easy expansion

Kit 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 for the three-phase FoxESS T6 G3 inverter:

maximum recommended DC power [W]: 9000 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

start-up voltage [V]: 140 V

number of MPPT points: 2

number of inputs per MPPT: 1+1

rated output power [W]: 6000 W

maximum apparent AC power [VA]: 6600 VA

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

rated AC current [A]: 8.7 A

maximum AC current [A]: 9.6 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

degree of pollution: 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 efficiency and reliability during operation.

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