

## FoxESS T20 G3

Product code: F.FOX.3F.wifi.00200-G3



Manufacturer	<b>FOXESS</b>
Inverter type	<b>On-grid</b>
Inverter phases	<b>3</b>
Max. AC power	<b>20000</b>
Max. DC power	<b>30000</b>
Output power	<b>20000</b>
Circuit breaker value	<b>50</b>
MPPT	<b>2</b>
Amperage	<b>28</b>
WIFI	<b>Tak</b>
Ethernet	<b>No</b>
Compatible optimizers	<b>Tigo</b>
Warranty	<b>12</b>
CN code number	<b>85044086</b>
Quantity per pallet	<b>14</b>
Country of origin	<b>China</b>
Weight	<b>48</b>
Width	<b>38</b>
Height	<b>48</b>
Depth	<b>19</b>

The T series inverters have been specially designed for three-phase residential installations and smaller commercial installations. They are characterized by unparalleled performance and versatility, which allows 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 T20-G3 inverter is a three-phase device that guarantees maximum performance, reliability, and long lifespan to the user. Additionally, the FoxESS T20-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 fins integrated into the housing, ensuring optimal contact with heat-generating elements. The cooling fins have a characteristic star shape, which increases the cooling surface.

## Product variants

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**FoxESS T20 G3**  
**F.FOX.3F.wifi.00200-G3**

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 T20 G3 inverter / 3-phase SERIES G3:

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 three-phase FoxESS T20 G3 inverter:

maximum recommended DC power [W]: 30000 W

maximum DC voltage [V]: 1100 V

nominal DC operating voltage [V]: 600 V

maximum input current (input A / input B) [A]: 28 / 28 A

maximum short-circuit current (input A / input B) [A]: 36.4 / 36.4 A

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

startup voltage [V]: 140 V

number of MPPT points: 2

number of inputs for MPPT: 2+2

nominal output power [W]: 20000 W

maximum apparent AC power [VA]: 22000 VA

nominal AC grid frequency [Hz]: 50/60, ±5

nominal AC current [A]: 29.00 A

maximum AC current [A]: 31.9 A

MPPT efficiency [%]: 99.8 %

maximum efficiency [%]: 98.6%

dimensions (WxHxD): 480 x 370 x 183.5 mm

weight: 20 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.

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