

FoxESS T8 G3

Product code: F.FOX.3F.wifi.00080-G3



Manufacturer	FOXESS
Inverter type	On-grid
Inverter phases	3
Max. AC power	8000
Max. DC power	12000
Output power	8000
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

The T series inverters are specially designed for three-phase residential installations and smaller commercial setups. They are characterized by unparalleled performance and versatility, enabling extended periods of energy generation. Three-phase versions of the inverters are available in power ranges from 3 kW to 25 kW. The FoxESS T8-G3 inverter is a three-phase device that ensures maximum performance, reliability, and longevity for the user. Additionally, the FoxESS T8-G3 inverter stands out for its high-quality construction, achieved by using components from renowned brands during production. This significantly impacts 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 components. The cooling fins have a distinctive star-shaped design, increasing the cooling surface area.

Product variants

Index	Price
FoxESS T8 G3 F.FOX.3F.wifi.00080-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 FoxESS T8 G3 three-phase inverter / 3-phase G3 SERIES:

Flexible configuration, ready for installation, easy to expand

High-voltage FoxESS battery set creates the most efficient connection

IP65 rating designed for installation in any environment

Monitor device operation remotely using a website or mobile application

Technical specifications of the FoxESS T8 G3 three-phase inverter:

Maximum recommended DC power [W]: 12000 W

Maximum DC voltage [V]: 1100 V

Nominal DC operating 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

Startup voltage [V]: 140 V

Number of MPPT points: 2

Number of MPPT inputs: 1+1

Rated output power [W]: 8000 W

Maximum AC apparent power [VA]: 8800 VA

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

Rated AC current [A]: 11.6 A

Maximum AC current [A]: 12.8 A

MPPT efficiency [%]: 99.8%

Maximum efficiency [%]: 98.6%

Dimensions (WxHxD): 480 x 370 x 183.5 mm

Weight: 17 kg

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