

FoxESS H3-12.0-E - hybrid 12kW

Product code: F.FOX.3F.H.wifi.00120-2MPPT.H3-12.0-E



Manufacturer	FOXESS
Inverter type	Hybrid
Inverter phases	3
Max. AC power	12000
Max. DC power	13000
Output power	12000
Circuit breaker value	63
MPPT	2
Amperage	26/16
WIFI	Tak
Ethernet	No
Compatible energy storage	Foxess
Compatible optimizers	Tigo
Warranty	10
CN code number	85044086
Quantity per pallet	30
Country of origin	China
Weight	45
Width	52
Height	45
Depth	20

The new generation of FoxESS H3-12.0-E inverters - 12kW hybrid with EPS, available in both three-phase and single-phase versions, enables full utilization of the potential offered by energy storage systems. This solution will work perfectly in situations where the main goal is to increase energy self-consumption at the point of production or to power all three phases (or, analogously, one phase) within the inverter's operating area. In combination with the EPS Box, BMS, and batteries, they form a complete energy storage system.

Product variants

Index	Price
FoxESS H3-12.0-E - hybrid 12kW F.FOX.3F.H.wifi.00120-2MPPT.H3-12.0-E	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 hybrid inverter FoxESS H3-12.0-E - 12kW hybrid with EPS:

Flexible configuration, ready for installation, easy to expand

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 of the hybrid inverter FoxESS H3-12.0-E - 12kW hybrid with EPS:

Maximum input power [W]: A: 8000 B: 5000

Maximum input current (input A / input B) [A]: 26 / 14

Maximum short-circuit current (input A / input B) [A]: 32 / 16

Battery Type: Lithium Iron Phosphate (LFP)

MPPT voltage range [Vdc]: 160 - 950

Starting voltage [V]: 160

Number of MPPT tracking points: 2

Series on MPPT: 2+ 1

Nominal AC power [W]: 12000

Nominal AC current [A]: 17.4 (per phase)

MMPT efficiency: 99.00%

Maximum efficiency: 97.80%

Max. charging/discharging current [A]: 26

Dimensions (length x width x height) [mm]: 449 x 519 x 198

Weight [kg]: 28

Protection class: IP65

Topology: Transformerless

Warranty: 10 years