

FRONIUS PRIMO 3.0-1 WiFi

Product code: F.Fronius.1F.wifi.00030-Primo



Inverter phases Max. AC power Max. DC power Output power Circuit breaker value MPPT Amperage WIFI Ethernet Compatible optimizers Warranty CN code number Quantity per pallet Country of origin Weight Width Height A000	Manufacturer	FRONIUS
Max. AC power3000Max. DC power3600Output power3000Circuit breaker value16MPPT2Amperage12WIFITalEthernetNoCompatible optimizersTigoWarranty10CN code number8504408Quantity per pallet12Country of originAustriaWeight21.5Width43Height65	Inverter type	On-grid
Max. DC power3600Output power3000Circuit breaker value16MPPT2Amperage12WIFITalEthernetNoCompatible optimizersTigoWarranty10CN code number8504408Quantity per pallet12Country of originAustriaWeight21.5Width43Height65	Inverter phases	1
Output power 3000 Circuit breaker value 16 MPPT 2 Amperage 12 WIFI Tal Ethernet No Compatible optimizers Tigo Warranty 10 CN code number 85044089 Quantity per pallet 12 Country of origin Austria Weight 21.9 Width 43 Height 65	Max. AC power	3000
Circuit breaker value MPPT Amperage 12 WIFI Ethernet Compatible optimizers Warranty CN code number Quantity per pallet Country of origin Weight Width Height	Max. DC power	3600
MPPT Amperage 12 WIFI Tal Ethernet Compatible optimizers Tigo Warranty 10 CN code number 85044089 Quantity per pallet 12 Country of origin Austria Weight 21.5 Width 43 Height	Output power	3000
Amperage 12 WIFI Tal Ethernet No Compatible optimizers Tigo Warranty 10 CN code number 85044089 Quantity per pallet 12 Country of origin Austria Weight 21.8 Width 43 Height 65	Circuit breaker value	16
WIFI Tal Ethernet No Compatible optimizers Tigo Warranty 10 CN code number 85044089 Quantity per pallet 12 Country of origin Austria Weight 21.5 Width 43 Height 65	МРРТ	2
Ethernet No Compatible optimizers Tigo Warranty 10 CN code number 85044089 Quantity per pallet 12 Country of origin Austria Weight 21.8 Width 43 Height 65	Amperage	12
Compatible optimizers Warranty CN code number Stoute and a stout a	WIFI	Tak
Warranty 10 CN code number 85044085 Quantity per pallet 12 Country of origin Austria Weight 21.5 Width 43 Height 65	Ethernet	No
CN code number 85044085 Quantity per pallet 12 Country of origin Austria Weight 21.5 Width 43 Height 65	Compatible optimizers	Tigo
Quantity per pallet12Country of originAustriaWeight21.5Width43Height65	Warranty	10
Country of origin Weight Width Height Austria 43 Height	CN code number	85044085
Weight 21.5 Width 43 Height 65	Quantity per pallet	12
Width 43 Height 65	Country of origin	Austria
Height 65	Weight	21.5
	Width	43
Depth 20	Height	65
	Depth	20

Fronius Primo is a series of inverters, covering a power range from 3.0 to 8.2 kW, perfectly complementing the new generation of SnaplNverter inverters. This single-phase, transformerless inverter performs exceptionally well in residential households. Thanks to the innovative SuperFlex Design, which provides maximum flexibility in installation design, and the SnaplNverter mounting system, installation and maintenance are extremely simple. The standard integrated communication package with WLAN interface, energy management function, numerous connections, and other features makes Fronius Primo a very "communicative" device for its user.

Product variants

Index	Price
FRONUIS PRIMO 3 0 1 WEE:	Product prices only visible after login. If you do
FRONIUS PRIMO 3.0-1 WiFi F.Fronius.1F.wifi.00030-Primo	not have an account, please register.
	register.

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Product description

Fronius Primo is a series of inverters, covering a power range from 3.0 to 8.2 kW, perfectly complementing the new generation of SnaplNverter inverters. This single-phase, transformerless inverter performs exceptionally well in residential households. Thanks to the innovative SuperFlex Design, which provides maximum flexibility in installation design, and the SnaplNverter mounting system, installation and maintenance are extremely simple. The standard integrated communication package with WLAN interface, energy management function, numerous connections, and other features makes Fronius Primo a very "communicative" device for its user.

Fronius 3.0-1 WiFi / 1-phase inverter technical data:

Input data:

Number of MPP trackers: 2

Max. input current (Idc max): 12 / 12 A

Max. module field short-circuit current: 24 / 24 A

DC input voltage range (Udc min - Udc max): 80 - 1000 V

Startup voltage (Udc start): 80 V Nominal input voltage (Udc,r): 710 V

MPP voltage range (Umpp min - Umpp max): 200 - 800 V

Usable MPP voltage range: 80 - 800 VNumber of DC connections: 2 + 2

Max. photovoltaic generator power (Pdc max): 4.5 kWpeak

Output data:

AC nominal power (Pac,r): 3000 W Max. output power (Pac max): 3000 VA AC output current (lac nom): 13 A

Grid connection (Uac,r): 1~ NPE 220/230 V AC voltage range (Umin - Umax): 180 - 270 V

Frequency (fr): 50 / 60 Hz

Frequency range (fmin - fmax): 45 - 65 Hz

Non-linear distortion factor: <3% @Pnom (230/400VAC 50Hz)

Power factor (cos ϕ ac,r): 0.85 - 1 ind./cap.

General data:

Dimensions / width: 432.5 mm Dimensions / height: 642.5 mm Dimensions / depth: 205.5 mm

Weight: 19.25 kg

Weight with packaging: 25.8 kg Degree of protection: IP 65

Protection class: 1

Surge category (DC/AC) 1): 2 / 3 Night-time energy consumption < 1 W

Indoor and outdoor installation

Ambient temperature range -40°C - +55°C

Permissible air humidity 0 - 100 %

DC connection technology: Screw terminals 4x DC+ and 4x DC- 2.5-16 mm²

AC connection technology: 3-pole screw terminals AC 2.5-16 mm²

Fronius products come with a standard two-year warranty, which can be extended free of charge to 5 years by simply registering on the Fronius Solar.web portal.

Registering the inverter on Solar.web offers numerous benefits, including:

- Warranty protection for up to 5 years for registered products.
- Free monitoring of photovoltaic system performance on the Fronius Solar.web portal.
- Regular updates on new features, accessories, compatible batteries, and home automation solutions.

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