



SHIFTING THE LIMITS

FRONIUS SYMO



/ Field serviceable



/ SnapINverter mounting system



/ Wireless monitoring



/ Design flexibility



/ Arc Fault Circuit Interruption



Boasting power categories from 10 to 24 kW, the transformerless Fronius Symo is the ideal compact three-phase inverter for commercial applications. Its dual maximum power point tracking, high maximum system voltage, wide input voltage range and unrestricted use indoors and out, ensures maximum flexibility in PV system design. As a member of the new SnapINverter family, the Fronius Symo features the SnapINverter mounting system, allowing for secure and convenient installation and field servicing.

Industry-leading features now come standard with the Fronius Symo, including: arc fault protection, integrated wireless monitoring, and SunSpec Modbus interfaces for seamless monitoring and datalogging via Fronius' online and mobile platform, Fronius Solar.web. This makes the Fronius Symo one of the most communicative, efficient and streamlined inverters on the market.

TECHNICAL DATA FRONIUS SYMO, ALL SIZES

GENERAL DATA	STANDARD WITH ALL FRONIUS SYMO MODELS
Dimensions (width x height x depth)	20.1 x 28.5 x 8.9 in. / 51.1 x 72.4 x 22.6 cm
Degree of protection	NEMA 4X
Night time consumption	< 1 W
Inverter topology	Transformerless
Cooling	Variable speed fan
Installation	Indoor and outdoor installation
Ambient operating temperature range	-40 F to 140 F (-40 to 60 C)
Permitted humidity	0 - 100 % (non-condensing)
DC connection terminals	6 x DC+ and 6 x DC- screw terminals for copper (solid / stranded / fine stranded) or aluminum (solid / stranded)
AC connection terminals	Screw terminals 14-6 AWG
Certificates and compliance with standards (Except Symo 15.0 208 V)	UL 1741-2010, UL1998 (for functions: AFCI and isolation monitoring), IEEE 1547-2003, IEEE 1547.1-2008, ANSI/IEEE C62.41, FCC Part 15 A & B, NEC Article 690, C22. 2 No. 107.1-01 (September 2001), UL1699B Issue 2 -2013, CSA TIL M-07 Issue 1 -2013
Certificates and compliance with standards (Symo 15.0 208 V)	UL 1741-2015, UL1998 (for functions: AFCI, RCMU and isolation monitoring), IEEE 1547-2003, IEEE 1547.1-2003, ANSI/IEEE C62.41, FCC Part 15 A & B, NEC 2014 Article 690, C22. 2 No. 107.1-01 (September 2001), UL1699B Issue 2 -2013, CSA TIL M-07 Issue 1 -2013

PROTECTIVE DEVICES	STANDARD WITH ALL FRONIUS SYMO MODELS
AFCI & 2014 NEC Compliant	Yes
DC disconnect	Yes
DC reverse polarity protection	Yes
Ground Fault Protection with Isolation Monitor Interrupter	Yes

INTERFACES	AVAILABILITY	AVAILABLE WITH ALL FRONIUS SYMO MODELS
USB (A socket)	Standard	Datalogging and inverter update via USB
2 x RS422 (RJ45 socket)	Standard	Fronius Solar Net, interface protocol
Wi-Fi/Ethernet/Serial/ Datalogger and webserver	Optional	Wireless standard 802.11 b/g/n / Fronius Solar.web, SunSpec Modbus TCP, JSON / SunSpec Modbus RTU
6 inputs and 4 digital I/Os	Optional	Load management; signaling, multipurpose I/O

TECHNICAL DATA FRONIUS SYMO (10.0-3 208/240, 12.0-3 208/240, 10.0-3 480, 12.5-3 480, 15.0-3 208)

GENERAL DATA		10.0-3 208/240	12.0-3 208/240	10.0-3 480	12.5-3 480	15.0-3 208
Weight		91.9 lbs. / 41.7 kg		76.7 lbs. / 34.8 kg		78.3 lbs. / 35.5 kg

INPUT DATA		10.0-3 208/240	12.0-3 208/240	10.0-3 480	12.5-3 480	15.0-3 208
Max. permitted PV power		15.00 kW	18.00 kW	15.00 kW	18.75 kW	22.50 kW
Max. usable input current (MPPT 1/MPPT 2)		25.0 A / 16.5 A		50.0 A		50.0 A
Max. usable input current total (MPPT 1 + MPPT 2)		41.5 A		75.0 A		75.0 A
Max. admissible input current (MPPT 1/MPPT 2)		37.5 A / 24.8 A		75.0 A (1 MPPT)		75.0 A
Max. admissible input current total (MPPT 1 + MPPT 2)		62.2 A	62.2 A	62.2 A	62.2 A	75.0 A (1 MPPT)
Integrated DC string fuse holders <i>Must be specified when ordering</i>		None	None	None	None	Integrated: 6- and 6+
MPP voltage range		300 - 500 V		300 - 800 V	350 - 800 V	325 - 850 V
Operating voltage range		200 - 600 V		200 - 1,000 V		325 - 1,000 V
Max. input voltage		600 V		1,000 V		
Nominal input voltage		208 V	350 V	N/A	N/A	325 V
		240 V	370 V	N/A	N/A	N/A
		480 V	N/A	675 V	685 V	N/A
Admissible conductor size DC		AWG 14 - AWG 6 copper direct, AWG 6 aluminium direct, AWG 4 copper or aluminium with input combiner				
Number of MPPT		2				1

OUTPUT DATA		10.0-3 208/240	12.0-3 208/240	10.0-3 480	12.5-3 480	15.0-3 208
Max. output power		208 V	9,995 VA	11,995 VA	N/A	N/A
		240 V	9,995 VA	11,995 VA	N/A	N/A
		480 V	N/A	N/A	9,995 VA	12,495 VA
Max. output fault current / Duration		43.1 A RMS / 158.4 ms	43.1 A RMS / 158.4 ms	43.1 A RMS / 158.4 ms	43.1 A RMS / 158.4 ms	67.7 A RMS / 153.0 ms
Max. continuous output current		208 V	27.7 A	33.3 A	N/A	N/A
		240 V	24.0 A	28.9 A	N/A	N/A
		480 V	N/A	N/A	12.0 A	15.0 A
Recommended OCPD/AC breaker size		208 V	35 A	45 A	N/A	N/A
		240 V	30 A	40 A	N/A	N/A
		480 V	N/A	N/A	15 A	20 A
Max. efficiency		97.0 %		97.0 %	98.1 %	98.1 %
CEC efficiency		208 V	96.5 %	96.5 %	N/A	N/A
		240 V	96.5 %	96.5 %	N/A	N/A
		480 V	N/A	N/A	96.5 %	97.0 %
Admissible conductor size AC		AWG 14 - AWG 6				
Grid connection		208 / 240 V	208 / 240 V	480 V Delta +N**		208 V
Frequency		60 Hz				
Total harmonic distortion		< 1.75 %				< 3.5%
Power factor		0 - 1 ind./cap.				

**+N for sensing purposes - no current carrying conductor.

TECHNICAL DATA FRONIUS SYMO (15.0-3 480, 17.5-3 480, 20.0-3 480, 22.7-3 480, 24.0-3 480)

GENERAL DATA		15.0-3 480	17.5-3 480	20.0-3 480	22.7-3 480	24.0-3 480
Weight		95.7 lbs. / 43.4 kg				
INPUT DATA		15.0-3 480	17.5-3 480	20.0-3 480	22.7-3 480	24.0-3 480
Max. permitted PV power		22.50 kW	26.25 kW	30.00 kW	34.09 kW	36.00 kW
Max. usable input current (MPPT 1/MPPT 2)		33.0 A / 25.0 A				
Max. usable input current total (MPPT 1 + MPPT 2)		51 A				
Max. admissible input current (MPPT 1/MPPT 2)		49.5 A / 37.5 A				
Max. admissible input current total (MPPT 1 + MPPT 2)		76.5 A	76.5 A	76.5 A	76.5 A	76.5 A
Integrated DC string fuse holders <i>Must be specified when ordering</i>		Optional: 6- and 6+	Optional: 6- and 6+	Optional: 6- and 6+	Optional: 6- and 6+	Optional: 6- and 6+
MPP voltage range		350 - 800 V	400 - 800 V	450 - 800 V	500 - 800 V	500 - 800 V
Operating voltage range		200 - 1,000 V				
Max. input voltage		1,000 V				
Nominal input voltage		208 V	N/A	N/A	N/A	N/A
		240 V	N/A	N/A	N/A	N/A
		480 V	685 V	695 V	710 V	720 V
Admissible conductor size DC		AWG 14 - AWG 6 copper direct, AWG 6 aluminium direct, AWG 4 copper or aluminium with input combiner				
Number of MPPT		2				
OUTPUT DATA		15.0-3 480	17.5-3 480	20.0-3 480	22.7-3 480	24.0-3 480
Max. output power		208 V	N/A	N/A	N/A	N/A
		240 V	N/A	N/A	N/A	N/A
		480 V	14,995 VA	17,495 VA	19,995 VA	23,995 VA
Max. output fault current / Duration		30.9 A RMS / 150.4 ms	30.9 A RMS / 150.4 ms	30.9 A RMS / 150.4 ms	30.9 A RMS / 150.4 ms	30.9 A RMS / 150.4 ms
Max. continuous output current		208 V	N/A	N/A	N/A	N/A
		240 V	N/A	N/A	N/A	N/A
		480 V	18.0 A	21.0 A	24.0 A	28.9 A
Recommended OCPD/AC breaker size		208 V	N/A	N/A	N/A	N/A
		240 V	N/A	N/A	N/A	N/A
		480 V	25 A	30 A	30 A	40 A
Max. efficiency		98.0 %		98.0 %		
CEC efficiency		208 V	N/A	N/A	N/A	N/A
		240 V	N/A	N/A	N/A	N/A
		480 V	97.0 %	97.5 %	97.5 %	97.5 %
Admissible conductor size AC		AWG 14 - AWG 6				
Grid connection		480 V Delta +N**				
Frequency		60 Hz				
Total harmonic distortion		< 1.75 %				
Power factor		0 - 1 ind./cap.				

**+N for sensing purposes - no current carrying conductor.

E-HOUSING SOLUTIONS FOR COMMERCIAL PV SYSTEMS

Anvil Crawler manufactures pre-fabricated inverter rooms that ship directly to site and can be customized to meet system requirements. They come equipped with 250 kw or 500 kw of Fronius inverters pre-wired to a terminal strip located on the outside of the container. In addition, ventilation, lighting, receptacles, and heating are included.

This is the most cost effective way to install a large quantity of string inverters - they are connected, pre-tested, commissioned and ready to energize as soon as the array installation is complete!

Using a pre-fabricated e-house saves you money by:

- trimming required engineering and on-site consultation as e-housings are ESA approved, and ready for grid connection upon completion of array installation
- eliminating on-site handling and storage costs for goods with single shipment of the inverter room
- eliminating risks of weather-related delays
- cutting hotel, fuel and labour costs for electrical tradespersons.



250 KW E-HOUSE

- Dimension: 8' wide x 20' long x 9.5' tall
- Includes: lighting, heating, ventilation, receptacles and a smoke detector roughed in
- 11 x Fronius Symo 22.7 kW inverters
- 1 x Fronius weather station and monitoring (modem is customer supplied)
- 1 x 400 amp AC recombinder panel
- 1 x 400 amp non-fuseable disconnect switch with visi-window
- 1 x metering cabinet
- 1 x 400 amp fuseable disconnect switch, outdoor rated with visi-window
- 1 x transformer (10 kva) and a lighting panel
- Utility / commercial SCADA solutions available



(Top) Inside a finished Anvil Crawler inverter house. (Bottom left) Pre-installed and wired Fronius weather station and monitoring. (Bottom right) Pre-wired inverter DC terminal strip.



500 KW E-HOUSE

- Dimensions: 8' wide x 40' long x 9.5' tall
- Includes: lighting, heating, ventilation, receptacles and a smoke detector roughed in
- 22 x Fronius Symo 22.7 kW inverters
- 1 x Fronius weather station and monitoring (modem is customer supplied)
- 1 x 800 amp AC recombinder panel
- 1 x 800 amp non-fuseable disconnect switch with visi-window
- 1 x metering cabinet
- 1 x 800 amp fuseable disconnect switch, outdoor rated with visi-window
- 1 x transformer (10 kva) and a lighting panel
- Utility / commercial SCADA solutions available



FRONIUS ECO

The compact project inverter for maximum yields



SnapINverter Technology



Integrated data communication



Dynamic Peak Manager



Smart Grid Ready



Zero feed-in

The three-phase Fronius Eco in power categories 25.0 and 27.0 kW perfectly meets all the requirements of large-scale installations. Thanks to its light weight and SnapINverter mounting system, this transformerless device can be installed quickly and easily either indoors or outdoors.

This inverter range is setting new standards with its IP 66 protection class. Furthermore, thanks to its integrated double fuse holders and optional overvoltage protection, string collection boxes are no longer necessary.

TECHNICAL DATA FRONIUS ECO

INPUT DATA	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
Number of MPP trackers		1
Max. input current ($I_{dc\ max}$)	44.2 A	47.7 A
Max. array short circuit current		71.6 A
DC input voltage range ($U_{dc\ min} - U_{dc\ max}$)		580 - 1,000 V
Feed-in start voltage ($U_{dc\ start}$)		650 V
Usable MPP voltage range		580 - 850 V*
Number of DC connections		6
Max. PV generator output ($P_{dc\ max}$)		37.8 kW _{peak}

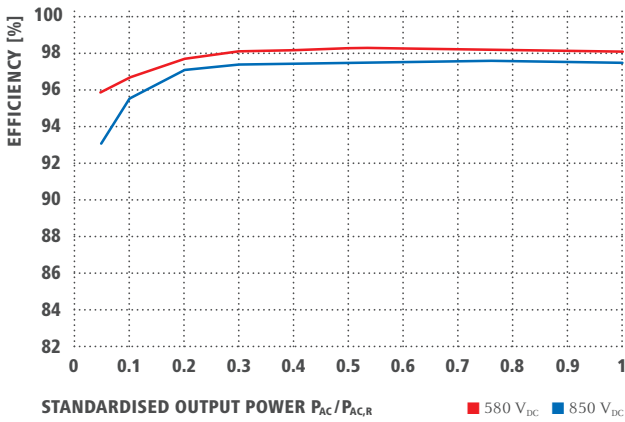
* based on 230 V grid voltage

OUTPUT DATA	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
AC nominal output ($P_{ac,r}$)	25,000 W	27,000 W
Max. output power / rated apparent power	25,000 VA	27,000 VA
AC output current ($I_{ac\ nom}$)	37.9 A / 36.2 A	40.9 A / 39.1 A
Grid connection (voltage range)		3~NPE 380 V / 220 V or 3~NPE 400 V / 230 V (+20 % / - 30 %)
Frequency (frequency range)		50 Hz / 60 Hz (45 - 65 Hz)
Total harmonic distortion		< 2.0 %
Power factor ($\cos\ \phi_{ac,r}$)		0 - 1 ind. / cap.

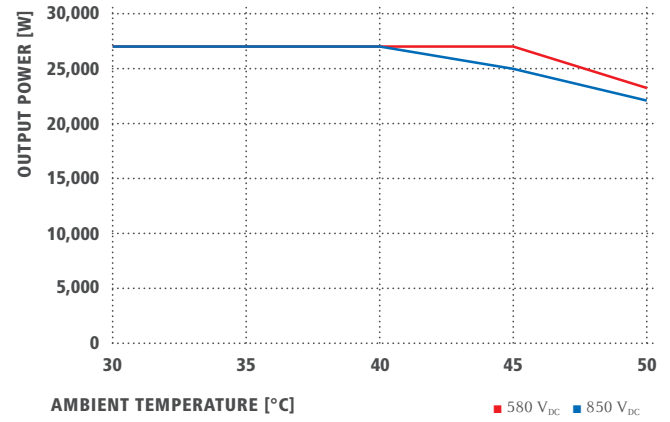
GENERAL DATA	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
Dimensions (height x width x depth)		725 x 510 x 225 mm
Weight		35.7 kg
Degree of protection		IP 66
Protection class		1
Overvoltage category (DC / AC) ¹⁾		2 / 3
Night-time consumption		< 1 W
Inverter concept		Transformerless
Cooling		Regulated air cooling
Installation (DIN rail)		Indoor and outdoor installation (106 x 90 x 66 mm)
Ambient temperature range		-25 - +60 °C
Permitted humidity		0 to 100 %
Max. altitude		2,000 m
DC connection technology		6x DC+ and 6x DC- screw terminals 2.5 - 16 mm ²
AC connection technology		5-pole AC screw terminals 2.5 - 16 mm ²
Certificates and compliance with standards		ÖVE / ÖNORM E 8001-4-712, DIN V VDE 0126-1-1/A1, VDE AR N 4105, IEC 62109-1/2, IEC 62116, IEC 61727, AS 3100, AS 4777-2, AS 4777-3, CER 06-190, G59/3, UNE 206007-1, SI 4777, CEI 0-16, CEI 0-21
Country of manufacture		Austria

¹⁾ According to IEC 62109-1. DIN rail for optional type 1 + 2 or type 2 surge protection device available. Further information regarding the availability of the inverters in your country can be found at www.fronius.com.

FRONIUS ECO 27.0.3-S EFFICIENCY CURVE



FRONIUS ECO 27.0.3-S TEMPERATURE DERATING



TECHNICAL DATA FRONIUS ECO

EFFICIENCY	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
Max. efficiency	98.2 %	98.3 %
European efficiency (η _{EU})	98.0 %	98.0 %
MPP adaptation efficiency	> 99.9 %	

PROTECTION DEVICES	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
DC insulation measurement		Yes
Overload behavior		Operating point shift, power limitation
DC disconnecter		Yes
Integrated string fuse holders ¹⁾		Yes
Reverse polarity protection		Yes
RCMU		Yes

INTERFACES	FRONIUS ECO 25.0-3-S	FRONIUS ECO 27.0-3-S
WLAN / Ethernet LAN		Fronius Solar.web, Modbus TCP SunSpec, Fronius Solar API (JSON)
6 inputs and 4 digital inputs/outputs		Interface to ripple control receiver
USB (A socket) ²⁾		Datalogging, inverter update via USB flash drive
2x RS422 (RJ45 socket) ²⁾		Fronius Solar Net
Signalling output ²⁾		Energy management (floating relay output)
Datalogger and Webserver		Included
External input ²⁾		S0 meter connection / Evaluation of overvoltage protection
RS485		Modbus RTU SunSpec or meter connection

¹⁾ Optionally fitted with 6 fuses 15 A / 1,000 V on the plus side. ²⁾ Also available in the light version. Further information and technical data can be found at www.fronius.com.

/ Perfect Welding / Solar Energy / Perfect Charging

THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 5,660 employees worldwide and 1,321 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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FRONIUS PRIMO



/ SnapInverter mounting system



/ Wireless monitoring



/ Open data communication



/ Smart Grid Ready



/ Arc Fault Circuit Interruption

The transformerless Fronius Primo is the ideal compact single-phase inverter for residential and small-scale commercial applications with power categories from 3.8 to 8.2 kW. In accordance with ESA rules for residential applications, the Fronius Primo can operate efficiently at a maximum input voltage of 600 V. And for increased efficiency and additional cost savings for commercial applications, the Fronius Primo can operate at the maximum input voltage of 1,000 V. Industry-leading features now come standard with the Fronius Primo, including: dual maximum power point tracking, arc fault protection, integrated wireless monitoring and SunSpec Modbus interfaces for seamless monitoring and datalogging via Fronius' online and mobile platform, Fronius Solar.web.

TECHNICAL DATA FRONIUS PRIMO

GENERAL DATA	FRONIUS PRIMO 3.8 - 8.2	FRONIUS PRIMO 10.0-15.0
Dimensions (width x height x depth)	16.9 x 24.7 x 8.1 in. / 42.9 x 62.7 x 20.6 cm	20.1 x 28.5 x 8.9 in. / 51.1 x 72.4 x 20.6 cm
Weight	47.4 lb. / 21.5 kg	82.5 lbs. / 37.4 kg
Degree of protection	NEMA 4X	
Night time consumption	< 1 W	
Inverter topology	Transformerless	
Cooling	Controlled forced ventilation, variable speed fan	
Installation	Indoor and outdoor installation	
Ambient operating temperature range	-40 to 131 F / -40 to 55 C	-40 to 140 F / -40 to 60 C
Permitted humidity	0 - 100 %	
DC connection terminals	2x DC+1, 2x DC+2 and 4x DC- screw terminals for solid: copper and aluminium stranded / fine stranded: copper and aluminium	4x DC+1, 2x DC+2 and 6x DC- screw terminals for copper (solid / stranded / fine stranded) or aluminium (solid / stranded)
AC connection terminals	Screw terminals 12 - 6 AWG	
Revenue Grade Metering	Optional (ANSI C12.1 accuracy)	
Certificates and compliance with standards	UL 1741-2015, UL1998 (for functions: AFCI, RCMU and isolation monitoring), IEEE 1547-2003, IEEE 1547.1-2003, ANSI/IEEE C62.41, FCC Part 15 A & B, NEC 2014 Article 690, C22. 2 No. 107.1-01 (September 2001), UL1699B Issue 2 -2013, CSA TIL M-07 Issue 1 -2013	UL 1741-2015, UL1998 (for functions: AFCI, RCMU and isolation monitoring), IEEE 1547-2003, IEEE 1547.1-2003, ANSI/IEEE C62.41, FCC Part 15 A & B, NEC Article 690-2014, C22. 2 No. 107.1-01 (September 2001), UL1699B Issue 2 -2013, CSA TIL M-07 Issue 1 -2013

PROTECTIVE DEVICES	STANDARD WITH ALL PRIMO MODELS
AFCI	Yes
Ground Fault Protection with Isolation Monitor Interrupter	Yes
DC disconnect	Yes
DC reverse polarity protection	Yes

INTERFACES	AVAILABILITY	AVAILABLE WITH ALL FRONIUS PRIMO MODELS
USB (A socket)	Standard	Datalogging and inverter update via USB
2x RS422 (RJ45 socket)	Standard	Fronius Solar Net, interface protocol
Wi-Fi*/Ethernet/Serial/Datalogger and webserver	Optional	Wireless standard 802.11 b/g/n / Fronius Solar.web, SunSpec Modbus TCP, JSON / SunSpec Modbus RTU
6 inputs or 4 digital inputs/outputs	Optional	External relay controls

*The term Wi-Fi® is a registered trademark of the Wi-Fi Alliance.

TECHNICAL DATA FRONIUS PRIMO 3.8-1 TO 8.2-1

INPUT DATA	PRIMO 3.8-1	PRIMO 5.0-1	PRIMO 6.0-1	PRIMO 7.6-1	PRIMO 8.2-1
Max. permitted PV power (kWp)	5.7 kW	7.5 kW	9.0 kW	11.4 kW	12.3 kW
Max. usable input current (MPPT 1/MPPT 2)	18 A / 18 A	18 A / 18 A	18 A / 18 A	18 A / 18 A	18 A / 18 A
Total max. DC current	36 A				
Max. admissible input current (MPPT 1/MPPT 2)	27 A				
Operating voltage range	80 V - 1,000 V				
Max. input voltage	1,000 V				
Nominal input voltage	410 V	420 V	420 V	420 V	420 V
Admissible conductor size DC	AWG 14 - AWG 6				
MPP voltage range	200 - 800 V	240 - 800 V	240 - 800 V	250 - 800 V	270 - 800 V
Number of MPPT	2				

OUTPUT DATA	PRIMO 3.8-1	PRIMO 5.0-1	PRIMO 6.0-1	PRIMO 7.6-1	PRIMO 8.2-1
Max. output power	240 V 3,800 W	5,000 W	6,000 W	7,600 W	8,200 W
	208 V 3,800 W	5,000 W	6,000 W	7,600 W	7,900 W
Max. output fault current / Duration	240 V 584 A Peak / 154 ms	584 A Peak / 154 ms	584 A Peak / 154 ms	584 A Peak / 154 ms	584 A Peak / 154 ms
Max. continuous output current	240 V 15.8 A	20.8 A	25.0 A	31.7 A	34.2 A
	208 V 18.3 A	24.0 A	28.8 A	36.5 A	38.0 A
Recommended OCPD/AC breaker size	240 V 20 A	30 A	35 A	40 A	45 A
	208 V 25 A	30 A	40 A	50 A	50 A
Max. efficiency (Lite version)	97.9 %				
CEC efficiency (Lite version)	240 V 95.5 %	96.5 %	96.5 %	97.0 %	97.0 %
Admissible conductor size AC	AWG 14 - AWG 6				
Grid connection	208 / 240 V				
Frequency	60 Hz				
Total harmonic distortion	< 5.0 %				
Power factor (cos $\phi_{ac,r}$)	0.85 - 1 ind./cap.				

TECHNICAL DATA FRONIUS PRIMO 10.0-1 TO 15.0-1

INPUT DATA	PRIMO 10.0-1	PRIMO 11.4-1	PRIMO 12.5-1	PRIMO 15.0-1
Max. permitted PV power (kWp)	15.00 kW	17.10 kW	18.75 kW	22.50 kW
Max. usable input current (MPPT 1/MPPT 2)	33.0 A / 18.0 A			
Total max. DC current	51 A			
Max. admissible input current (MPPT 1/MPPT 2)	49.5 A / 27.0 A			
Operating voltage range	80 V - 1,000 V			
Max. input voltage	1,000 V			
Nominal input voltage	655 V	660 V	665 V	680 V
Admissible conductor size DC	AWG 14 - AWG 6 copper direct, AWG 6 aluminum direct, AWG 4 - AWG 2 copper or aluminum with optional input combiner			
MPP Voltage Range	220 - 800 V	240 - 800 V	260 - 800 V	320 - 800 V
Number of MPPT	2			

OUTPUT DATA	PRIMO 10.0-1	PRIMO 11.4-1	PRIMO 12.5-1	PRIMO 15.0-1
Max. output power	240 V 9,995 W	11,400 W	12,500 W	15,000 W
	208 V 9,995 W	11,400 W	12,500 W	13,750 W
Max. output fault current / Duration	240 V 916 A Peak / 6.46 ms	916 A Peak / 6.46 ms	916 A Peak / 6.46 ms	916 A Peak / 6.46 ms
Max. continuous output current	240 V 41.6 A	47.5 A	52.1 A	62.5 A
	208 V 48.1 A	54.8 A	60.1 A	66.1 A
Recommended OCPD/AC breaker size	240 V 60 A	60 A	70 A	80 A
	208 V 60 A	70 A	80 A	90 A
Max. efficiency (Lite version)	97.9 %			
CEC efficiency (Live version)	240 V 96.5 %	96.5 %	96.5 %	97.0 %
Admissible conductor size AC	AWG 10 - AWG 2 copper (solid / stranded / fine stranded) , AWG 6 - AWG 2 copper (solid / stranded)			
Grid connection	208 / 240 V			
Frequency	60 Hz			
Total harmonic distortion	< 2.5 %			
Power factor (cos $\phi_{ac,r}$)	0-1 ind./cap.			