

THE FRONIUS SNAPINVERTER RANGE

/ Smarter, Lighter, More Flexible

PRIMO

/ Optimised energy management

/ The optimal single phase inverter for self-consumption management

/ 3.0 to 8.2 kW



SYMO HYBRID

/ The personal storage solution

/ The flexible, future-proof platform perfect for battery storage integration. Three phase.

/ 3.0 to 5.0 kW



SYMO

/ Unrivaled 3-phase technology

/ The super flexible, three phase inverter for residential & commercial applications

/ 3.0 to 20.0 kW



GALVO

/ Repowering

/ The perfect single phase replacement inverter with high frequency transformer topology

/ 1.5 to 3.0 kW



FRONIUS SNAPINVERTER GENERATION

ECO

/ Project optimisation

/ The high power density, three phase inverter for large scale commercial installations

/ 25.0 to 27.0 kW



FRONIUS SNAPINVERTERS INTEGRATED FEATURES

/ Inbuilt features at a glance

	GALVO	PRIMO	SYMO	SYMO HYBRID	ECO
Energy management function inbuilt	✓	✓	✓	✓	✓
Multiple MPPTs	-	✓	✓	-	-
Extra broad MPPT voltage window	✓	✓	✓	✓	-
Dynamic Peak Manager: Shading resistant MPPT	-	✓	✓	✓	✓
Suitable for installations under 600V DC	✓	✓	✓	✓	-
Easy installation	✓	✓	✓	✓	✓
DC isolator inbuilt	✓	✓	✓	✓	✓
WLAN monitoring inbuilt	✓	✓	✓	✓	✓
Remote monitoring	✓	✓	✓	✓	✓
Hybrid functionality	-	-	-	✓	-
Smart Grid Ready	✓	✓	✓	✓	✓
Proactive Service Ready	✓	✓	✓	✓	✓
Galvanic Isolation	✓	-	-	-	-

FRONIUS SNAPINVERTER PERFORMANCE DATA

/ One generation for any application

	GALVO	PRIMO	SYMO	SYMO HYBRID	ECO
AC Output power	1.5 – 3.0kVA	3.0 – 8.2kVA	3.0 – 8.2kVA, 10.0 – 20.0kVA	3.0, 4.0, 5.0kVA	25.0, 27.0kVA
Technology	HF Transformer	Transformerless	Transformerless	Transformerless	Transformerless
Number of phases	1	1	3	3	3
Max input voltage	420V*, 550V*	1000V	1000V	1000V	1000V
Feed-in start voltage ($U_{dc \text{ start}}$)	120V*, 165V*	80V	150V*, 200V*	150V	580V
Number of MPP trackers usable	1	2	1*, 2	1	1
MPP voltage range	120 – 335V*, 165 – 440V*	80 – 800V	150 – 800V*, 200V – 800V*	150 – 800V	580 – 850V
Optimised tracking algorithm	No	Yes	Yes	Yes	No
Max efficiency	96.1%	97.8%	98.1%	97.6%	98.7%
Degree of protection	IP 65	IP 65	IP 65*, IP 66*	IP 65	IP 66
Weight	16.8kg	21.5kg	16.0kg* - 43.4kg*	22.0kg	35.7kg
Power factor	0.85 - 1 ind./cap.	0.70 - 1 ind./cap.	0.70 - 1 ind./cap.* 0.0 - 1 ind./cap.*	0.70 - 1 ind./cap.	0.0 - 1 ind./cap.
Dimensions (h x w x d mm)	645 x 431 x 204	645 x 431 x 204	645 x 431 x 204*, 725 x 510 x 225*	645 x 431 x 204	725 x 510 x 225

* Depends on specific inverter model. Please refer to specific datasheet for more information.

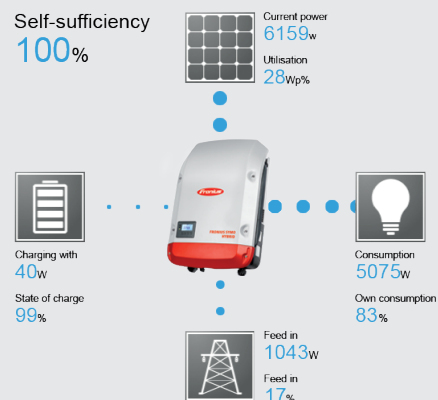
ACCESSORIES AND SOLUTIONS

FRONIUS SMART METER

/ Thanks to its monitoring capabilities, the Fronius Smart Meter plays a key role in making a PV system storage ready. Combined with Fronius Solar.web, the Fronius Smart Meter presents a clear overview of power consumption, feed-in and surplus energy, enabling improved energy management and giving accurate information on future battery requirements.

SOLAR.WEB

/ PV systems can be monitored, analysed and compared quickly and easily using the Fronius Solar.web online portal. Up-to-date system data can be accessed at any time and is clearly presented via a user-friendly range of analysis functions. Solar.web is also a convenient platform for adjusting system configurations.



/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,300 employees worldwide, we shift the limits of what's possible - our record of over 900 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

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

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