



### YOUR BENEFITS

- Data logger with WLAN function, Ethernet and own webserver
- Direct connection of the ripple control signal receiver and other inputs and outputs
- Compact, lightweight and easy to install thanks to SnapInverter technology
- Energy management and dynamic 70% control with smart meter
- Symo: flexible voltage range and two fast MPP trackers
- Eco: cost-optimised for larger systems

Fronius Symo

Inverter type	Symo 10.0-3-M	Symo 12.5-3-M	Symo 15.0-3-M	Symo 17.5-3-M	Symo 20.0-3-M	Eco 25.0-3-S	Eco 27.0-3-S
Item number	236787	236788	236810	236811	236812	236815	236816
<b>Technical data</b>							
Nominal output power $P_N$ [W]	10000	12500	15000	17500	20000	25000	27000
Max. apparent power $S_{max}$ [VA]	10000	12500	15000	17500	20000	25000	27000
Max. DC power P [Wp]	15000	18750	22500	26250	30000	35700	35700
Max. / Europ. efficiency [%]	98.0 / 97.4	98.0 / 97.6	98.1 / 97.8	98.1 / 97.8	98.1 / 97.9	98.2 / 98.0	98.3 / 98.0
MPP voltage range [V]	270–800	320–800	320–800	370–800	420–800	580–850	580–850
Max. input voltage [V]	1000	1000	1000	1000	1000	1000	1000
Start input voltage [V]	200	200	200	200	200	650	650
Max. current per input [A]	27.0 / 16.5	27.0 / 16.5	33.0 / 27.0	33.0 / 27.0	33.0 / 27.0	44.2	47.7
Power factor cos $\phi$ ind. / cap.	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0
<b>Dimensions and specifications</b>							
Width / Height / Depth [mm]	510 / 725 / 225	510 / 725 / 225	510 / 725 / 225	510 / 725 / 225	510 / 725 / 225	510 / 725 / 225	510 / 725 / 225
Weight approx. [kg]	35	35	43	43	43	36	36
Grid connection	three-phase	three-phase	three-phase	three-phase	three-phase	three-phase	three-phase
Topology	transformerless	transformerless	transformerless	transformerless	transformerless	transformerless	transformerless
Number of MPP trackers	2	2	2	2	2	1	1
Number of DC inputs	3 / 3	3 / 3	3 / 3	3 / 3	3 / 3	6	6
DC connection	screw terminals	screw terminals	screw terminals	screw terminals	screw terminals	screw terminals	screw terminals
IP protection class	66	66	66	66	66	66	66
Interfaces	USB, RS422, relay, S0	USB, RS422, relay, S0	USB, RS422, relay, S0	USB, RS422, relay, S0	USB, RS422, relay, S0	USB, RS422, relay, S0	USB, RS422, relay, S0
Special feature <sup>1</sup>	data logger	data logger	data logger	data logger	data logger	data logger	data logger

<sup>1</sup> With WLAN, analogue and digital inputs and outputs as well as RS485. Also available as a light version.