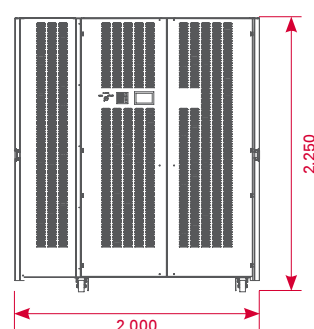
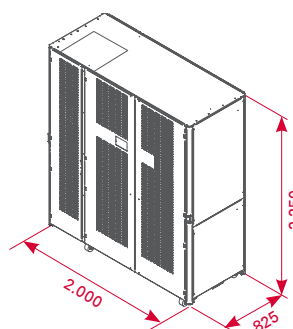
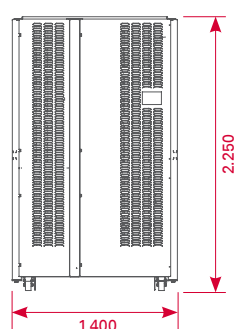
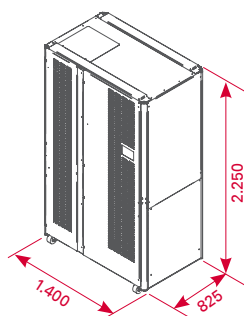


S7515 TL

1.500Vdc - 705kVA

S15015 TL

1.500Vdc - 1.410kVA



DC Input - PV Module

Model	S7515 TL	S15015 TL
Nr. Power stack	5	10
Battery voltage Range (V_{DC}) (Note 1)	850 – 1.250	850 – 1.250
DC voltage range at the max. power (V_{DC})	850 – 1.250	910 – 1.250
Battery type	Li-ion, Lead, Ni-Cd, NaNiCl ₂	Li-ion, Lead, Ni-Cd, NaNiCl ₂
Absolute Maximum Voltage (V_{DC})	1.500	1.500
Maximum input current (A_{DC}) @ 25°C of ambient temperature	1.250	1.600
Voltage Ripple	<2%	<2%
Number of input max in parallel	4	4
Overvoltage Protection	SPD varistor device Class II (optional Class I+II)	SPD varistor device Class II (optional Class I+II)
DC input connection	DC Switch under load	DC Switch under load
Reverse Polarity Protection	Yes	Yes

AC Output grid

Max Power (kW) (Note1)	705	1.410
Max Apparent Power (kVA)	705	1.410
Max Current (A_{AC})	740	1.480
Max unbalance Current	< 2%	< 2%
Nominal Voltage (V_{AC})	550	550
Frequency (Hz)	50 / 60	50 / 60
Nr Phase	3 (L1 – L2 – L3 – PE)	3 (L1 – L2 – L3 – PE)
Aux Supply (Normal Line)	230Vac – 16A – 50/60Hz (L-N)	230Vac – 16A – 50/60Hz (L-N)
Aux Supply (Preferential Line)	230Vac – 10A – 50/60Hz (L-N)	230Vac – 10A – 50/60Hz (L-N)
Distortion factor (THD) (Note 2)	<3%	<3%
Power Factor (Note 3)	from 0 to 1 inductive or capacitive	from 0 to 1 inductive or capacitive
Galvanic insulation	No (Transformer less)	No (Transformer less)
AC input connection	magneto-thermic Circuit Breaker (MCCB)	magneto-thermic Circuit Breaker (MCCB)

General Data

Max Efficiency	98,9%	98,9%
European Efficiency	98,6%	98,6%
Night consumption (W)	<60	<60
Weight (kg)	1.100	1600
Protection degree	IP20 (Opt. IP31)	IP20
Cooling	Air forced cooling fan speed controlled	Air forced cooling fan speed controlled
Air Flow	2.400 m ³ /h	4.800 m ³ /h
Maximum power dissipated in overload condition	12,5 kW - 10.705 Kcal/h	24,9 kW - 21.410 Kcal/h
Noise level	70dBa	70dBa
Dimensions (H x L x P)	2250 x 1400 x 825	2.250 x 2.000 x 825
Operating temperature (°C)	- 10 ÷ +50	- 10 ÷ +50
Storage temperature (°C)	- 20 ÷ +60	- 20 ÷ +60
Humidity (Not condensing) (%)	0 ÷ 95	0 ÷ 95
Height above the sea without derating (Note 4)	1.000 m	1.000 m
Overvoltage Category	II	II
Color	RAL 9006	RAL 9006

Note 1: valid at PF=1 and Vac nominal

Note 2: THD is lower than 3% for inverter power greater than 25%.

Note 3: P-Q capability is semicircular.

Note 4: above 1000m derate the Maximum Operating Temperature of 0.4 °C per 100 m up to 3000 m a.s.l.
above 2000m derate the Absolute Maximum DC Voltage of 1.3 % per 100 m up to 3000 m a.s.l.

above 2000m derate the Maximum BATTERY Voltage of 1.2 % per 100 m up to 3000 m a.s.l. (contact Factory for details).

Note: Each inverter must be connected separately to its own LT/MT transformer or it has to be connected to a separate LT secondary input of the LT/MT transformer. Two or more inverters cannot be connected in parallel to the same LT secondary input of the LT/MT transformer.



Inverter for Life

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