

## Inversores On Grid Sununo Plus 1K – 1,5K



Type	Sununo Plus 1K	Sununo Plus 1.5K
<b>Input (DC)</b>		
Max. DC Power [W]	1200	1800
Max. DC Voltage [V]		450
MPPT Voltage range [V]		60-425
Nominal DC Voltage [V]		360
Start Voltage [V]		70
Min. DC Voltage [V]		50
Max. DC Input Current [A]		11
Number of DC Connection Sets per MPPT		1
Number of MPPT		1
DC Switch		Optional
<b>Output (AC)</b>		
Rated AC Power [W]	1000	1500
Max. AC Power [W]	1100	1650
Rated AC Current [A]	4.3	6.5
Max. AC Current [A]	4.8	7.2
Nominal AC voltage/ range	220V, 230V, 240V/180V-280V	
Grid frequency/ range	50Hz, 60Hz/ ±5Hz	
Power factor [cos φ]	>0.99(full load)	
Total Harmonic Distortion [THDi]	< 3%	
Feed in phase/Connection Phase	1/1	
<b>Efficiency</b>		
Max. Efficiency	97.1%	97.2%
Euro Efficiency [at 360Vdc]	96.6%	96.7%
MPPT Accuracy	>99.5%	
<b>Protection</b>		
Internal Over-voltage Protection	Integrated	
DC Insulation Monitoring	Integrated	
DCI Monitoring	Integrated	
GFCI Monitoring	Integrated	
Grid Monitoring	Integrated	
AC Short Circuit Current Protection	Integrated	
Thermal Protection	Integrated	
Anti-island protection monitoring	AFD	
<b>Interface</b>		
AC Connection	Plug-in connector	
DC Connection	MC4/H4	
LCD/LED Display	LCD (16x2 Characters, Backlight) & LED (3 Lights)	
Display Language	English	
Datalogger & Communication	RS232 (Standard)/WiFi (Optional)	
<b>General Data</b>		
Topology	Transformerless	
Consumption at Night [W]	<0.2	
Consumption at Standby [W]	6	
Operating Temperature Range	-25°C to +60°C (45°C to 60°C with derating)	
Cooling Method	Natural Convection	
Ambient Humidity	0% to 100% Non-condensing	
Altitude	Up to 2000m (without derating)	
Noise [dBA]	<15	
Ingress Protection	IP65 (Indoor & Outdoor Installation)	
Mounting	Rear Panel	
Dimensions (H*W*D) [mm]	315*260*120	
Net Weight [kg]	5.6	
Standard Warranty [Year]	5 (Standard)/10/15/20/25 (Optional)	
Certificates	IEC62109-1/2, IEC61000-6-2/3, IEC61683, IEC60068-2, IEC62116, IEC61717, PEA/MEA, NRS 097-2-1, UTE-C-15-712-1, VDE0126-1-1/A1, VDE-AR-N 4105, AS4777.2, AS4777.3, C-TICK, CQC NB/T 32004, G83-2, NBR 16149, NBR 16150, TF 3.2.1	