

Inversores On Grid Sununo Plus 2K – 2,5K – 3K



Type	Sununo Plus 2K	Sununo Plus 2.5K	Sununo Plus 3K
Input (DC)			
Max. DC Power [W]	2400	2900	3200
Max. DC Voltage [V]	500		550
MPPT Voltage range [V]	60-450		60-500
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		
Output (AC)			
Rated AC Power [W]	2000	2500	3000
Max. AC Power [W]	2200	2750	3000
Rated AC Current [A]	8.7	10.9	13.0
Max. AC Current [A]	10.6	12.8	14.5
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		
Efficiency			
Max. Efficiency	97.4%	97.5%	97.6%
Euro Efficiency [at 360Vdc]	96.9%	97.0%	97.1%
MPPT Accuracy	>99.5%		
Protection			
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		
Interface			
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)		
General Data			
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]	<25		
Ingress Protection	IP65 (Indoor & Outdoor Installation)		
Mounting	Rear Panel		
Dimensions (H*W*D) [mm]	354*305*120		
Net Weight [kg]	7.8	8.3	8.4
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		