

Inversores On Grid Sununo Plus 3K-M / 4K-M / 5K-M



Type	Sununo Plus 3K-M	Sununo Plus 4K-M	Sununo Plus 5K-M
Input (DC)			
Max. DC Power [W]	3500	4600	5300
Max. DC Voltage [V]		600	
MPPT Voltage range [V]		90-550	
Nominal DC Voltage [V]		360	
Start Voltage [V]		100	
Min. DC Voltage [V]		80	
Max. DC Input Current [A]		11/11	
Number of DC Connection Sets per MPPT		1/1	
Number of MPPT		2	
DC Switch		Optional	
Output (AC)			
Rated AC Power [VA]	3000	3680/4000	4600/5000
Max. AC Power [VA]	3300	3680/4400	4600/5000
Rated AC Current [A]	13.0	16.0/17.4	20.0/21.7
Max. AC Current [A]	15.0	16.0/21.0	25.0
Nominal AC voltage/ range		220V, 230V, 240V/180V-280V	
Grid frequency/ range		50Hz, 60Hz/±5Hz	
Power factor [cos φ]	>0.99(full load)	0.9 leading~0.9 lagging	
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]	97.0%	97.1%	97.2%
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]		454*355*150	
Net Weight [kg]		14.8	
Standard Warranty [Year]		5 (Standard) /10/15/20/25 (Optional)	
Certificates		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,G59-3,NBR 16149,NBR 16150,TF 3.2.1	