

# MIC 1000~3300TL-X2 (Pro)

- Maximum efficiency of 97.6%
- Compact design
- Touch key& OLED display
- Flexible monitoring options
- String current up to 18A
- AFCI optional



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Datasheet	MIC 1000TL-X2 (Pro)	MIC 2000TL-X2(Pro)	MIC 3000TL-X2 (Pro)	MIC 3300TL-X2 (Pro)
<b>Input data (DC)</b>				
Max. recommended PV power (for module STC)	1500W	3000W	4500W	4950W
Max. DC voltage	500V	500V	550V	550V
Start voltage	50V	50V	50V	50V
Nominal voltage	180V	360V	360V	360V
MPP voltage range	50V-500V	50V-500V	50V-550V	50V-550V
No. of MPP trackers	1			
No. of PV strings per MPP tracker	1			
Max. input current per MPP tracker	18A			
Max. short-circuit current per MPP tracker	24A			
<b>Output data (AC)</b>				
AC nominal power	1000W	2000W	3000W	3300W
Max. AC apparent power	1000VA	2000VA	3000VA	3300VA
Nominal AC voltage (range*)	230V (180-280V)			
AC grid frequency (range*)	50/60Hz (45-55Hz/55-65Hz)			
Max. output current	4.8A	9.5A	14.3A	14.3A
Adjustable power factor	0.8leading...0.8lagging			
THDi	<3%			
AC grid connection type	Single phase			
<b>Efficiency</b>				
Max. efficiency	97.4%	97.4%	97.6%	97.6%
European efficiency	96.5%	97.0%	97.1%	97.1%
MPPT efficiency	99.9%			
<b>Protection devices</b>				
DC reverse polarity protection	Yes			
AC/DC surge protection	Type III / Type III			
Insulation resistance monitoring	Yes			
AC short-circuit protection	Yes			
Ground fault monitoring	Yes			
Grid monitoring	Yes			
Anti-islanding protection	Yes			
Residual-current monitoring unit	Yes			
AFCI protection	Optional			
<b>General data</b>				
Dimensions (W / H / D)	274/254/138mm			
Weight	6kg	6.2kg	6.2kg	6.2kg
Operating temperature range	-30°C ... +60°C			
Nighttime power consumption	< 0.5W			
Topology	Transformerless			
Cooling	Natural convection			
Protection degree	IP66			
Relative humidity	100%			
Altitude	4000m			
DC connection	H4/MC4(Optional)			
AC connection	Connector			
Display	OLED+LED/WIFI+APP			
Interfaces: RS485/USB/WiFi/GPRS/RF/LAN	Yes/Yes/Optional/Optional/Optional/Optional			
Warranty: 8 years / 10 years	Yes/Optional			
CE, UKCA, AS 4777, AS/NZS 3100, CEI 0-21, VDE-AR-N 4105, VDE 0126-1-1, VFR 2019, EN 50549-1, IEC 60068, IEC 61683, IEC 62116, IEC 61727, INMETRO, G98, C10/C11, UNE 217001, UNE 206007, PO12.2				

\* The AC Voltage Range may vary depending on specific country grid standard.

\* All specifications are subject to change without notice.