

MIC 1500~3300TL-X

- Maximum efficiency of 97.6%
- Compact design
- Touch key& OLED display
- Flexible interface
- Online service



P O W E R
- I N G O
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Datasheet	MIC 1500TL-X	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC 3300TL-X
Input Data (DC)					
Max. recommended PV power (for module STC)	2100W	2800W	3500W	4200W	4290W
Max. DC voltage	500V	500V	550V	550V	550V
Start voltage	50V	50V	80V	80V	80V
Nominal voltage	250V	360V	360V	360V	360V
MPP voltage range	50V-500V	50V-500V	65V-550V	65V-550V	65V-550V
No. of MPP trackers	1				
No. of PV strings per MPP tracker	1				
Max. input current per MPP tracker	13A				
Max. short-circuit current per MPP tracker	16A				
Output data(AC)					
AC nominal power	1500W	2000W	2500W	3000W	3300W
Max. AC apparent power	1500VA	2000VA	2500VA	3000VA	3300VA
Nominal AC voltage (range*)	Default:240V split-phase, optional:208V & 240V single phase , 183-228@208V 211-264V@240V				
AC grid frequency (range*)	50/60 Hz (45-55Hz/55-65 Hz)				
Max. output current	7.1A	9.5A	11.9A	14.3A	14.3A
Adjustable power factor	0.8leading...0.8lagging				
THDI	<3%				
AC grid connection type	Single phase				
Efficiency					
Max. efficiency	97.4%	97.4%	97.6%	97.6%	97.6%
European efficiency	97.0%	97.0%	97.0%	97.1%	97.1%
MPPT efficiency	99.9%				
Protection Devices					
DC reverse polarity protection	Yes				
DC switch	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	Yes				
General Data					
Dimensions (W / H / D)	274/254/138mm				
Weight	6kg	6kg	6.2kg	6.2kg	6.2kg
Operating temperature range	- 25°C ... + 60°C				
Nighttime power consumption	< 0.5W				
Topology	Transformerless				
Cooling	Natural convection				
Protection degree	IP65				
Relative humidity	0-100%				
Altitude	4000m				
DC connection	H4/MC4(Optional)				
AC connection	Connector				
Display	OLED+LED/WIFI+APP				
Interfaces: RS485 / USB/WI-FI/ GPRS/ RF/LAN	Yes/Yes/Optional/Optional/Optional /Optional				
Warranty: 5 years / 10 years	Yes/Optional				
CE, AS4777, AS/NZS 3100, CEI 0-21, VDE-AR-N 4105, VDE 0126-1-1, UTE C 15-712-1, EN 50549, IEC 60068, IEC 61683, IEC 62116, IEC 61727, INMETRO, G98, EN61000-6-2, EN61000-6-3, EN61000-3-2, EN61000-3-3, IEC/EN62109-1, IEC/EN62109-2, UL1741, IEE1547					