

# MIC 1500~3300 TL-X



- Maximum efficiency of 97.6%
- Compact design
- Touch key& OLED display
- Flexible interface
- AFCI optional

Datasheet	MIC 1500TL-X	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC 3300TL-X
<b>Input Data (DC)</b>					
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				
<b>Output data(AC)</b>					
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				
<b>Efficiency</b>					
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%				
<b>Protection Devices</b>					
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	
<b>General Data</b>					
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, IEC61547