

MIC 750~3300 TL-X



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

Datasheet	MIC 750TL-X	MIC 1000TL-X	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)	1050W	1400W	2100W	2800W	3500W	4200W	4290W
Max. DC voltage	500V	500V	500V	500V	550V	550V	550V
Start voltage	50V	50V	50V	50V	80V	80V	80V
Nominal voltage	120V	180V	250V	360V	360V	360V	360V
MPP voltage range	50V-500V	50V-500V	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	750W	1000W	1500W	2000W	2500W	3000W	3300W
Max. AC apparent power	750VA	1000VA	1500VA	2000VA	2500VA	3000VA	3300VA
Nominal AC voltage(range*)				230V (1180-280V)			
AC grid frequency(range*)				50/60 Hz (45-55Hz/55-65 Hz)			
Max. output current	3.6A	4.8A	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%	97.4%	97.4%	97.6%	97.6%	97.6%
European efficiency	96.5%	96.5%	97.0%	97.0%	97.0%	97.1%	97.1%
MPPT efficiency				99.9%			
Protection devices							
DC reverse polarity protection				Yes			
DC switch				NO			
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			
General data							
Dimensions (W/H/D)				274/254/138mm			
Weight	6kg	6kg	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 degrees				IP65			
Relative humidity				0-100%			
Altitude				4000m			
DC connection				H4/MC4(Optional)			
AC connection				Connector			
Display				OLED+LEDWiFi+APP			
Interfaces: RS485 / USB/WiFi / GPRS / RJ45				Yes/Yes/Optional/Optional/Optional			
Warranty: 10 years				Yes			

CE,AS4777, AS/NZS 3100, CEI 0-21, VDE-AR-N 4105, VDE 0126-1-1, UTE C 15-712-1, EN50549, IEC 60068, IEC 61683, IEC 62116, IEC 61727, INMETRO G98, C10/C11, UNE217001, UNE206007, PO12.2

* The AC voltage and frequency range may vary depending on specific country grid standard. All specifications are subject to change without notice.