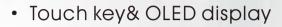
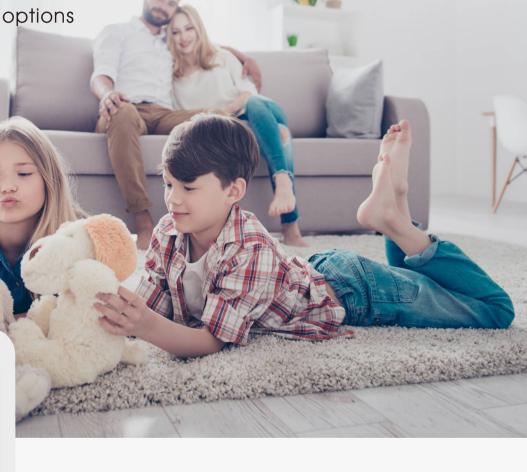
MIC 750~3300TL-X

- Maximum efficiency of 97.6%
- Compact design



• Flexible monitoring options

AFCI optional





GROWATT

Datasheet	MIC 750TL-X	MIC 1000TL-X	MIC 1500TL-X	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC 3300TL
Input data (DC)							
Max. recommended PV power	1050W	1400W	2100W	2800W	3500W	4200W	4290W
(for module STC) 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	55, 555,	001 0001	001 0001	1	557 5557	001 0001	557 5551
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*)	70077	100011	1000011	230V (180-280V)	200011	000071	000077
AC grid frequency(range*)	50/60 Hz (45-55Hz/55-65 Hz)						
		4.04			,	3400	1404
Max. output current	3.6A	4.8A	7.1A	9.5A	11.9A	14.3A	14.3A
Adjustable power factor	0.8leading0.8lagging						
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% 99.9%	97.0%	97.1%	97.1%
MPPT efficiency				99.9%			
Protection devices				Yes			
DC reverse polarity protection 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	optional Pes						
•				Opilorial			
General data				074/054/300			
Dimensions (W / H / D) Weight	4ka	4ka	4ka	274/254/138mm	4 Oka	4.01/0	4 Oka
Operating temperature range	6kg	6kg	6kg	6kg -25°C +60°C	6.2kg	6.2kg	6.2kg
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/MIFI+APP						
Interfaces: RS485 / USB/Wi-Fi/ GPRS/ RF/LAN	Yes/Yes/Optional/Optional/Optional						
Warranty: 5 years / 10 years				Yes /Optional			
		05.404333.40#130.01	00 0510 03 1/05 40 4		UTE 0 15 310 1 5N50	549, IEC 60068, IEC 616	00

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