

Delta Single Phase Solar Inverter for Australia Market

M3-TL | M 4-TL | M5-TL



- High efficiency: 98%
- Natural convection cooling
- Compatible with AC power Wall
- BLE & Wi-Fi, support cloud-based data collecting, monitoring, Remote firmware update & control via web-portal



Technical Data for Delta Solar Inverter

Model	M3.0-TL	M4.0-TL	M5.0-TL
INPUT (DC)			
Maximum system voltage	600 V	600 V	600 V
Nominal voltage	380 V	380 V	380 V
Maximum operating voltage Voc	480 V	480 V	480 V
Operating MPPT range	50 V to 480 V	50 V to 480 V	50 V to 480 V
Maximum current (per string)	12 A	12 A	12 A
Maximum short circuit current @ STC	15 A / 15 A	15 A / 15 A	15 A / 15 A
Maximum DC/AC ratio	1.5		
DC disconnect	Integrated		
MPP tracker	2	2	2

OUTPUT (AC)			
Nominal power @ 240V	3000 W	4000 W	5000 W
Maximum output power	3000 W	4000 W	5000 W
Voltage range	180 ~ 275 V		
Maximum continuous current	16 A	20 A	21.7 A
Nominal frequency	50 Hz		
Frequency range	45~55 Hz		
Night consumption	< 0.1 W		
THD @ nominal power	< 3 %		
Power factor @ nominal power	> 0.99		
Adjustable power factor range	0.80i to 0.80c		
Acoustic noise	< 45 dB(A)		

GENERAL SPECIFICATION

Maximum efficiency	98%		
EU efficiency	0.97	0.972	0.975
Operating temperature range	-30 °C to 60 °C de-rating above 45 °C		
Storage temperature range	-40 °C to 85 °C		
Humidity	4 % to 95 %		
Maximum operating altitude	3000 m		

MECHANICAL DESIGN

Size (L x W x D)	450*383*160 mm		
Weight	15 kg (33.1 lbs)	15 kg (33.1 lbs)	15 kg (33.1 lbs)
Cooling	Natural Convection		
AC connection	Phoenix Connector		
DC connection	MC4		
Communication interface	Bluetooth 4.0, with Wi-Fi / Cellular (optional)		
Enclosure material	Die-casting Aluminum		

STANDARDS / DIRECTIVES

Enclosure protection rating	IP65
Safety	EN62109-1/-2
EMC	EN61000-6-2;EN61000-6-3
Grid regulation	AS4777.2-2015; CEC

WARRANTY

Standard warranty	5 years (10 years optional)
-------------------	-----------------------------

Delta Electronics (Americas), Ltd

46101 Fremont Blvd, Fremont, CA 94538

Sales Email: Inverter.Sales@deltaww.com

Support Email: Inverter.Support@deltaww.com

Sales Hotline: +1-877-440-5851 or +1-626-369-8021

Support Hotline: +1-877-442-4832

Support (Intl.): +1-626-369-8019

Monday to Friday. From 6am to 6pm (apart from holidays)

