







## TM-L6M/8M/10M Microinverter 600W/800W/1000W

-  High efficiency up to 96% with 2 Individual MPPTS
-  Max.DC input current of 13.5A, adapt to the market mainstream PV modules
-  High safety with max DC voltage 60V
-  Easy installation of plug and play
-  Integrated smart monitoring & communication system
-  IP 67 protection, die casting design
-  25 year life time design with 10 year product warranty

	TM-L6M	TM-L8M	TM-L10M
<b>Input Data (DC)</b>			
Recommended PV Module Power	210W-350W	210W-500W	210W-600W
Start-up Voltage	20V		
MPPT Voltage Range	25-55V		
Max. Input Voltage	60V		
Max. Input Current	12A*2	13.5A*2	
Max. DC Short Circuit Current	14.5A*2	16.5A*2	
Number of MPPTs	2		
<b>Output Data (AC)</b>			
Max. Continuous Output Power	600W	800W	1000W
Nominal Output Voltage	220/230V		
Extended Output Voltage Range	176-242/184-253		
Nominal Output Current	2.73/2.6A	4A	4.55/4.35A
Nominal Frequency/Range	50Hz/45 - 55 60Hz/55-65		
Power Factor	>0.99 default		
Total Harmonic Distortion (THD)	<3%		
Max. Units Per Branch	7	4	4
<b>Efficiency</b>			
Peak Efficiency	96.00%		
CEC Efficiency	95.50%		
Static MPPT Efficiency	99.50%		
Night Time Power Consumption	<50mW		
<b>Mechanical Data</b>			
Ambient Temperature Rang	-40°C ~ +65°C		
Dimensions(WxHxD)	260mm*225mm*32mm		
Weight	2.9kg		
Enclosure Rating	IP 67		
Cooling	Natural Convection - No Fans		
Type of Isolation	High Frequency Transformers		
<b>Monitoring &amp; Communication</b>			
Communication	WIFI		
Energy Management	Solarman Online Platform		
<b>Certifications &amp; Warranty</b>			
Certifications	IEC62109; IEC61000; VDE4105		
Warranty	10 Years Standard		