



TM-L2000M/L1800M

96%

High efficiency up to 96% with 4 individual MPPTs

60V

High safety with max DC voltage 60V

14.5A

Max.DC input current of 14.5A, adapt to the market mainstream PV modules

IP67

IP 67 protection, die cast design



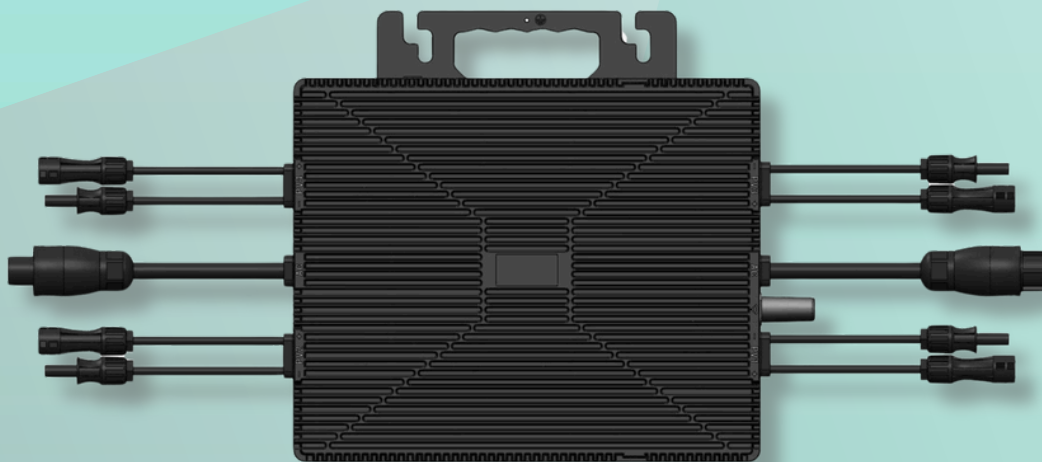
Integrated smart monitoring & communication system



Easy installation of plug and play

25 YEAR life time design with **10 YEAR** product warranty

2000W



1800W



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Datasheet

Model	TM-L2000M	TM-L1800M
Input Data (DC)		
Recommended PV Module Power	280W-650W	280W-600W
Start-up Voltage	28V	
MPPT Voltage Range	28-55V	
Max. Input Voltage	60V	
Max. Input Current	14.5A*4	
Support for Solar Panel Current Limit	up to 18A*4	
Max. DC Short Circuit Current	19A*4	
Number of MPPTs	4	
Output Data (AC)		
Rated Output Power	2000W	1800W
Nominal Output Voltage	220V	
Extended Output Voltage Range	176-242V	
Nominal Output Current	9.1A	8.18A
Nominal Frequency/Range	60Hz/55 - 65	
Power Factor	>0.99 default	
Total Harmonic Distortion (THD)	<3%	
Max. Units Per Branch	3	3
Efficiency		
Peak Efficiency	96.00%	
CEC Efficiency	95.50%	
Static MPPT Efficiency	99.50%	
Night Time Power Consumption	<50mW	
Mechanical Data		
Ambient Temperature Range	-25°C ~ +65°C	
Dimensions(WxHxD)	312mm*301mm*43mm	
Weight	7kg	
Enclosure Rating	IP 67	
Cooling	Natural Convection - No Fans	
Type of Isolation	High Frequency Transformers	
Monitoring & Communication		
Communication	WiFi	
Energy Management	Solarman Online Platform	
Certifications & Warranty		
Certifications	IEC/EN 62109-1;IEC/EN 62109-2;EMC:IEC/EN 61000-6; Ordinance No.140	
Warranty	10 Years Standard	