










TM-L2000M 2000W Microinverter

-  High efficiency up to 96% with 4 Individual MPPTs
-  Max. DC input current of 14.5A, 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

Input Data (DC)	
Recommended PV Module Power	280W-600W
Start-up Voltage	20V
MPPT Voltage Range	28-55V
Max. Input Voltage	60V
Max. Input Current	14.5A*4
Max. DC Short Circuit Current	18A*4
Number of MPPTs	4
Output Data (AC)	
Rated Output Power	2000VA
Nominal Output Voltage	220V
Extended Output Voltage Range	176-242
Nominal Output Current	9.1
Nominal Frequency/Range	60Hz/55-65
Power Factor	>0.99 default
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	3
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-40°C ~ +65°C(Derating 40°C)
Dimensions(WxHxD)	300mm*280mm*50mm
Weight	4.5kg
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	IEC62109-1, IEC62109-2; IEC61000-6-1, IEC61000-6-3; 515 ordinance
Warranty	10 Years Standard