



TM-L800M

96% High efficiency up to 96% with 2 individual MPPTs

60V High safety with max DC voltage 60V

13.5A Max.DC input current of 13.5A, 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



800W





Datasheet

Model	TM-L800M
Input Data (DC)	
Recommended PV Module Power	280W-550W
Start-up Voltage	20V
MPPT Voltage Range	25-55V
Max. Input Voltage	60V
Max. Input Current	13.5A*2
Max. DC Short Circuit Current	16.5A*2
Number of MPPTs	2
Output Data (AC)	
Rated Output Power	800W
Nominal Output Voltage	230V
Extended Output Voltage Range	184-253V
Max. Output Current	4A
Nominal Output Current	3.47A
Nominal Frequency/Range	50Hz/45 - 55
Power Factor	>0.99 (default)
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	5
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Time Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-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
Monitoring & Communication	
Communication	WiFi
Energy Management	Solarman Online Platform
Certifications & Warranty	
Certifications	IEC62109-1;IEC62109-2;IEC61000-6; VDE4105;VFR2019;NEN-EN 50549-1:2019;PN-EN 50549-1:2019
Warranty	10 Years Standard