








TM-L16M/18M/20M Microinverter 1600W/1800W/2000W

-  High efficiency up to 96% with 4 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-L16M	TM-L18M	TM-L20M
Input Data (DC)			
Recommended PV Module Power	210W-450W	250W-500W	280W-550W
Start-up Voltage	20V		
MPPT Voltage Range	25-55V		
Max. Input Voltage	60V		
Max. Input Current	13.5A*4		
Max. DC Short Circuit Current	16.5A*4		
Number of MPPTs	4		
Output Data (AC)			
Max. Continuous Output Power	1600W	1800W	2000W
Nominal Output Voltage	220/230V		
Extended Output Voltage Range	176-242/184-253		
Nominal Output Current	7.27/6.95A	8.18/7.83A	9.1/8.7A
Nominal Frequency/Range	50Hz/45 - 55 60Hz/55-65		
Power Factor	>0.99 default		
Total Harmonic Distortion (THD)	<3%		
Max. Units Per Branch	4	3	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		
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	ABNT NBR 16149: ABNT NBR 16150: ABNT NBR IEC 62116		
Warranty	10 Years Standard		