SUNSATHI

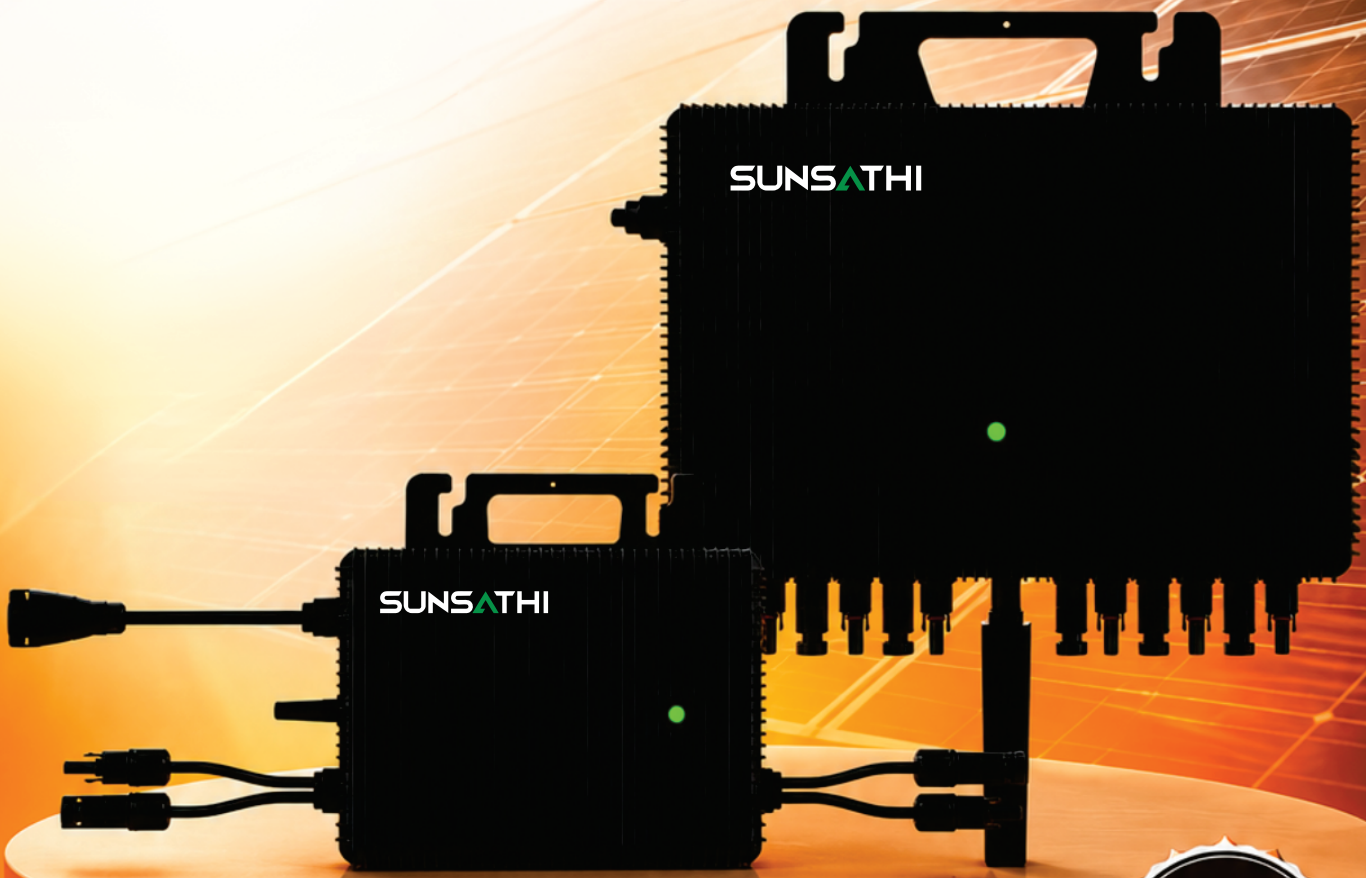
On Grid | Hybrid Inverter Manufacturer

MAKE IN INDIA

Proudly Indian

India's No.1

Micro Inverter Manufacturer



HIGH PERFORMANCE RELIABLE

MAX PEAK EFFICIENCY 99.5%	WATER & DUST RESISTANT IP67	WIDE VOLTAGE RANGE 16V-60V	SMART MONITORING APP SUPPORTED	SAFETY CERTIFIED BIS / IEC

POWERING HOMES.
ENERGIZING FUTURES.

RESIDENTIAL | COMMERCIAL | INDUSTRIAL

SUNSATHI MICRO INVERTER

MODEL	M1-1000-2T	M1-1100-2T	M1-1200-2T	M1-2000-4T	M1-2250-4T	M1-2500-4T	M1-3000-4T	M1-3300-6T	M1-3600-6T	M1-4000-6T
DC Parameters										
Commonly used module power(w)	320-700+	320-720+	320-720+	320-700+	320-720+	320-720+	320-700+	320-720+	320-720+	320-720+
Maximum Input Voltage (V)	60V*									
Startup Voltage Range (DC)	**22V**									
Operating Voltage Range (DC)	32-60V*	35-60V*	38-60V*	32-60V*	36-60V*	40-60V*	16-60V*	16-60V*	16-60V*	16-60V*
Max Permissible DC Current / MPPT	**20A**									
Max Short Circuit Current /MPPT	**25A**									
No. of MPPT	**2**			**4**			**6**			
No. of Strings per MPPT	**1**			**1**			**1**			
Feedback Current (A)	<0.01									
AC Parameters										
Rated AC Output Power	1000	1100	1200	2000	2250	2500	3000	3300	3600	4000
Max AC Output Current	4.55	5	5.45	9.1	10.23	11.36	13.64	15	16.36	18.18
Rated AC Output Current	4.35	4.78	5.21	8.7	9.78	10.86	13.04	14.35	15.65	17.39
Rated AC Voltage	220/,230/240									
Grid Frequency	**50/60 Hz Variable**									
AC Connection Configuration	L+N+PE									
Power Factor	0.9 leading - 0.9 lagging									
I THD	<3% @ Rated Output Power									
Efficiency										
Max Efficiency	96.40%									
MPPT Efficiency	99.80%									
Night Power Consumption (mw)	<50									
Features										
Monitoring	Cloud									
Communication Port	Built - in WiFi module									
Type of isolation	Galvanically Isolated HF Transformer									
Ambient Conditions										
Operating Temperature Range	**(-) 40 ~ +65°C**									
Protection Level (IP)	**IP67**									
Operatinging Elevation / Altitude	<2000m									
Cooling Method	Natural Convection - No Fans									
Dimensions	263x 227x 37			332.5x267x 42.5			405x350x45			
Weight	3.15Kg			5.7Kg			8.5Kg			
Warranty	**10 Years Standard Warranty**									
Certificates	IS 16169, IS 16221-1/2, IEC 61727, IEC 62116, IEC 61000-1-2-3-4, IEC 62109-1/-2, IEC 61683:1999, IEC 60068-2 (1,2,14,30)									