



India's No.1

Advanced Technology Solar Inverter Brand

On Grid | Hybrid Inverter Manufacturer



Trusted Quality Assurance



Compact & Modern Look



Future Ready Innovation



Seamless Power Conversion

Company Overview

Founded in **2016**, Sunseed stands as a trusted name in designing and delivering high-quality solar solutions that drive sustainability and innovation. Building on our journey of excellence, we introduced **Sunsathi Solar – Sathi Service Ka**, a venture dedicated to powering Residential, Commercial, and Industrial sectors with **clean and efficient energy**. At Sunsathi, we combine **15+ years of expertise** in solar power electronics to craft intelligent, reliable, and eco-friendly inverters. Our technology redefines efficiency and performance — leading the charge toward a cleaner, greener future.



Aim

To lead the solar inverter revolution — driving a sustainable, reliable, and innovation-powered future.

Vision

To empower every home and business to harness the power of the sun efficiently — building a brighter, greener tomorrow.

Mission

To accelerate renewable energy adoption with intelligent, high-performance solar inverters that deliver efficiency, reliability, and trust. Through innovation and excellence, we aim to energize a cleaner, sustainable world.

Sunsathi Core Values



Why Choose Us ?



Excellent Quality
of Solar Inverter



Tested & Trusted
Quality of Materials



Latest Advanced Technology with
Heric & TNPC Topology



Own Designed
Technology



Inhouse
Production Unit



Technically
Strong Team



Smooth Billing



Warranty and Service
Assurance after Sales



Same Day
Dispatch



20 MPPT Input
Current Per String



Monthly 5000 unit
inverters manufacturing
capacity



Replacement will be provided
within 72 hours

Sunsathi Solar

3 Level Service Support



1KW-6.4KW

Single-Phase

Single/Dual MPPT



Optimal Power

- 98.1% Max. Efficiency,
- 20A Pv Input Current Per String



Convenient Installation

- Plug & Play terminals for easy wiring
- OLED display and App for setting and data



Strong Load

- 50 Start-up Voltage, Long Working hours with low start-up voltage



Flexible Design & Use

- Ip66 for indoor and outdoor installation.
- Compact size and elegant appearance.



MODEL	Single Phase Inverters										
	1 MPPT (SSSIM Model)								2 MPPT		
	1kW	2kW	3.0kW	3.3kW	3.6kW	4kW	5kW	5.4kW	6kW	5.5kW	6.4kW
DC Parameters											
Max DC Power	1100W	2200W	3300W	3630W	3960W	4400W	5500W	5940W	6600W	6600W	7680W
Max DC Voltage	500V*						600V*		600V*		
Startup Voltage Range (DC)	50V						70V		70V		
Operating Voltage Range (DC)	70-450V*						90-550V*		90-550V*		
Rated Voltage DC	300V									360V*	
Max Permissible DC Current / MPPT	20A									20A + 20A	
Max MPPT Short Circuit Current (ISC)	30A									30A + 30A	
No. of MPPT	1									2	
No. of Strings per MPPT	1									1+1	
DC Connection Type	MC 4 Connector										
AC Parameters											
Nominal AC Output Power	1000W	2000W	3000W	3300W	3600W	4000W	5000W	5400W	6000W	5500W	6400W
Rated Output Current	4.50A	9.10A	13A	14.3A	16.40A	18.20A	22A	23.4A	27A	23.8A	27.7A
Max Output Current	4.80A	9.50A	14.5A	16A	16.80A	18.5A	24A	26A	27.30A	26.4A	30.7A
Rated Voltage	220-230V-240V										
Operating Voltage Range	140-290V Variable										
Operating Frequency Range	45-55Hz Variable										
AC Connection Configuration	L+N+PE										
Power Factor	0.8 leading - 0.8 lagging										
I THD	<2% @ Rated Output Power										
Self Consumption (Night)	<0.2w										
DC Current Injection	<0.25%										
Efficiency											
Peak Efficiency		98.80%	98.10%	98.10%	98.10%	98.10%	98.10%	98.10%	98.10%	98.10%	98.10%
Euro Efficiency		97.20%	97.80%	97.80%	97.80%	97.80%	97.80%	97.80%	97.80%	97.80%	97.80%
MPPT Efficiency		99.90%	99.50%	99.50%	99.50%	99.50%	99.50%	99.50%	99.50%	99.50%	99.50%
Features											
Display Type (LED/LCD)	OLED Display with LED Indicators										
Communication Port	RS 485, WIFI / GSM / LAN (Optional)										
Anti-PID Feature	Optional										
DC-AC Conversion Topology	High Frequency - Transformerless										
Power Switch DC Side	Optional										
Built in DC SPD Type	TYPE II SPD + GDT										
Built in AC SPD Type	TYPE II SPD + GDT										
Protections											
Ground Fault Protection	Integrated										
Over Temperature Protection	Integrated										
Residual Current Protection	Integrated										
DC Reverse Polarity Protection	Integrated										
Anti-Islanding Protection	Integrated										
Output Over V / I Protection	Integrated										
Insulation Resistance Protection	Integrated										
Output Short Circuit Protection	Integrated										
Overload Protection	Integrated										
Ambient Conditions											
Operating Temperature Range	(-) 30~ 60°C										
Protection Level (IP)	Ip66										
Operating Elevation / Altitude	≤4000m										
Cooling Method	Natural Convection										
Relative Humidity	0 ~ 100 %										
Noice level dB	<25 dB										
Dimensions	297 * 220 *158 mm								358 * 300 * 158 mm		
Weight	6KG								10KG		
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)										

5KW-50KW

Three-Phase

Multi MPPT



Optimal Power

- 98.6% Max. Efficiency,
- 20A Pv Input Current Per String



Convenient Installation

- Plug & Play terminals for easy wiring
- OLED display and App for setting and data



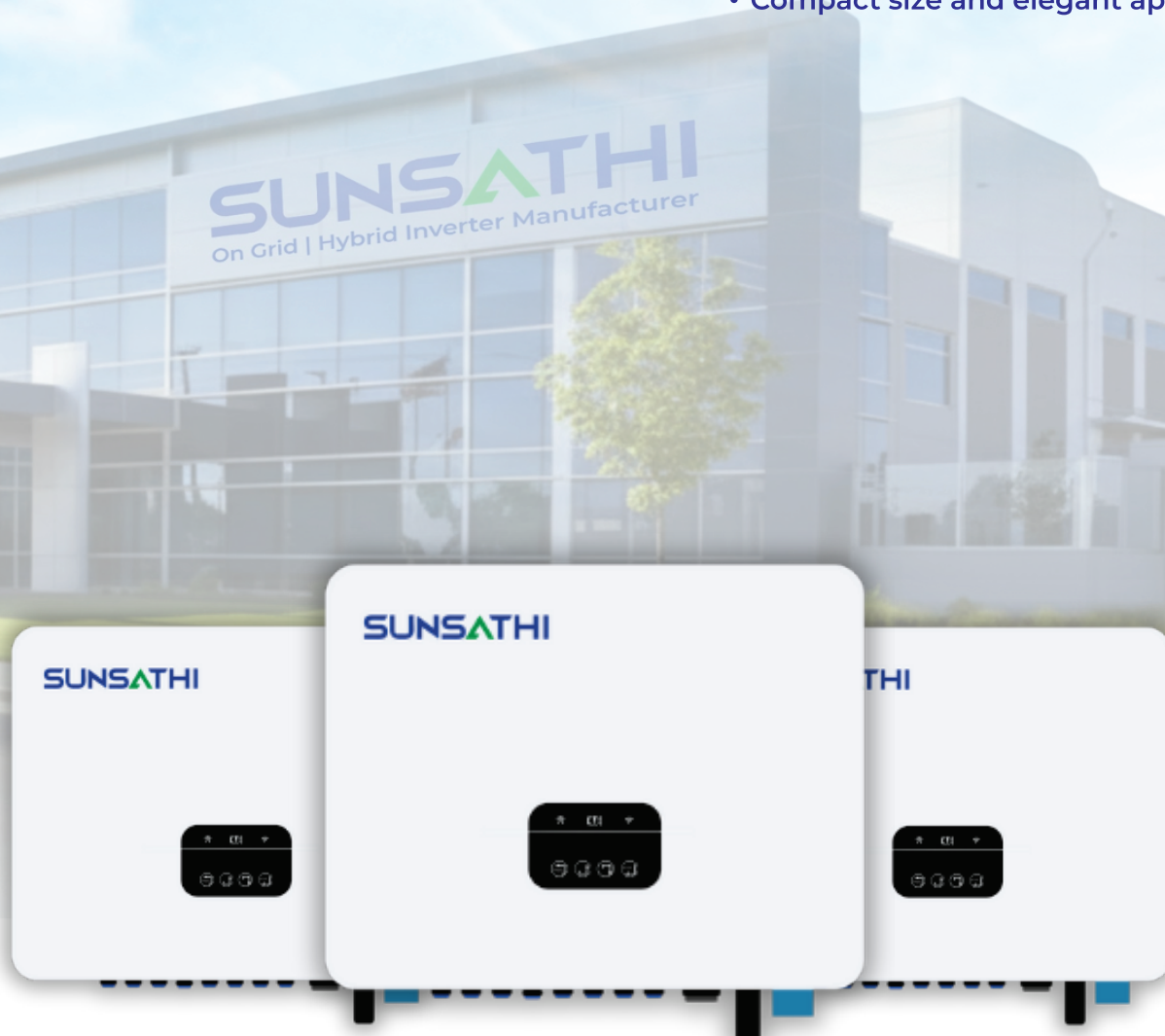
Strong Load

- 160 Start-up Voltage, Long Working hours with low start-up voltage



Flexible Design & Use

- Ip66 for indoor and outdoor installation.
- Compact size and elegant appearance.



MODEL	Three Phase Inverters - 2 MPPT (SST2M Model)											
SST 2M	5kW	6kW	8kW	10kW	12kW	15kW	18kW	20kW	25kW	30kW	40kW	50kW
DC Parameters												
Max DC Power	6500W	7800W	10400W	13000W	15600W	19500W	23400W	26000W	32500W	39000W	52000W	65000W
Max DC Voltage	1100V*											
Startup Voltage Range (DC)	160V											
Operating Voltage Range (DC)	160V-950V*											
Rated Voltage DC	620V*											
Max Permissible DC Current / MPPT	15A + 15A					40A + 40A					40A+40A+40A+40A	
Max MPPT Short Circuit Current (ISC)	20A + 20A					50A + 50A					50A+50A+50A+50A	
No. of MPPT	2					2					4	
No. of Strings per MPPT	1+1					2+2					2+2	
DC Connection Type	MC 4 Connector											
AC Parameters												
Nominal AC Output Power	5000W	6000W	8000W	10000W	12000W	15000W	18000W	20000W	25000W	30000W	40000W	50000W
Rated Output Current	7.2A	8.7A	11.5A	14.4A	17.3A	21.7A	26A	29A	36A	43A	61.2A	70.5A
Max Output Current	8A	10A	13A	16A	19A	24A	29A	32A	40A	48A	66.6A	83.3A
Rated Voltage	415-430V -440V											
Operating Voltage Range	330-470V Variable											
Operating Frequency Range	45-55Hz Variable											
AC Connection Configuration	3P+N+PE											
Power Factor	0.8leading ~0.8lagging											
I THD	<2% @ Rated Output Power											
Self Consumption (Night)	<0.2W											
DC Current Injection	<0.5%											
Efficiency												
Peak Efficiency	98.30%	98.30%	98.30%	98.30%	98.30%	98.30%	98.30%	98.30%	98.30%	98.30%	98.10%	98.10%
Euro Efficiency	97.60%	97.60%	97.60%	97.80%	97.80%	97.80%	98.00%	98.00%	98.00%	98.00%	97.80%	97.80%
MPPT Efficiency	99.10%	99.10%	99.10%	99.10%	99.10%	99.10%	99.10%	99.10%	99.10%	99.10%	98.50%	98.50%
Features												
Display Type (LED/LCD)	OLED Display with LED Indicators											
Communication Port	RS 485, WIFI / GSM / LAN (Optional)											
Anti-PID Feature	Optional											
DC-AC Conversion Topology	High Frequency - Transformerless											
Power Switch DC Side	Optional											
Built in DC SPD Type	Type II SPD + GDT											
Built in AC SPD Type	Type II SPD + GDT											
Protections												
Ground Fault Protection	Integrated											
Over Temperature Protection	Integrated											
Residual Current Protection	Integrated											
DC Reverse Polarity Protection	Integrated											
Anti-Islanding Protection	Integrated											
Output Over V / I Protection	Integrated											
Insulation Resistance Protection	Integrated											
Output Short Circuit Protection	Integrated											
Overload Protection	Integrated											
Ambient Conditions												
Operating Temperature Range	(-)30 ~ 60°C											
Protection Level (IP)	Ip66											
Operating Elevation / Altitude	≤4000m											
Cooling Method	Natural Convection + Smart Fan											
Relative Humidity	0 ~ 100 %											
Noice level dB	<30 dB											
Dimensions	428 x 385 x 185 mm						520 x 412 x 200 mm			585x480x220mm		
Weight	19KG						22KG			37Kg		
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)											

100KW-125KW

Three-Phase

Multi MPPT



Optimal Power

- 98.7% Max. Efficiency,
- 20A Pv Input Current Per String



Convenient Installation

- Plug & Play terminals for easy wiring
- OLED display and App for setting and data



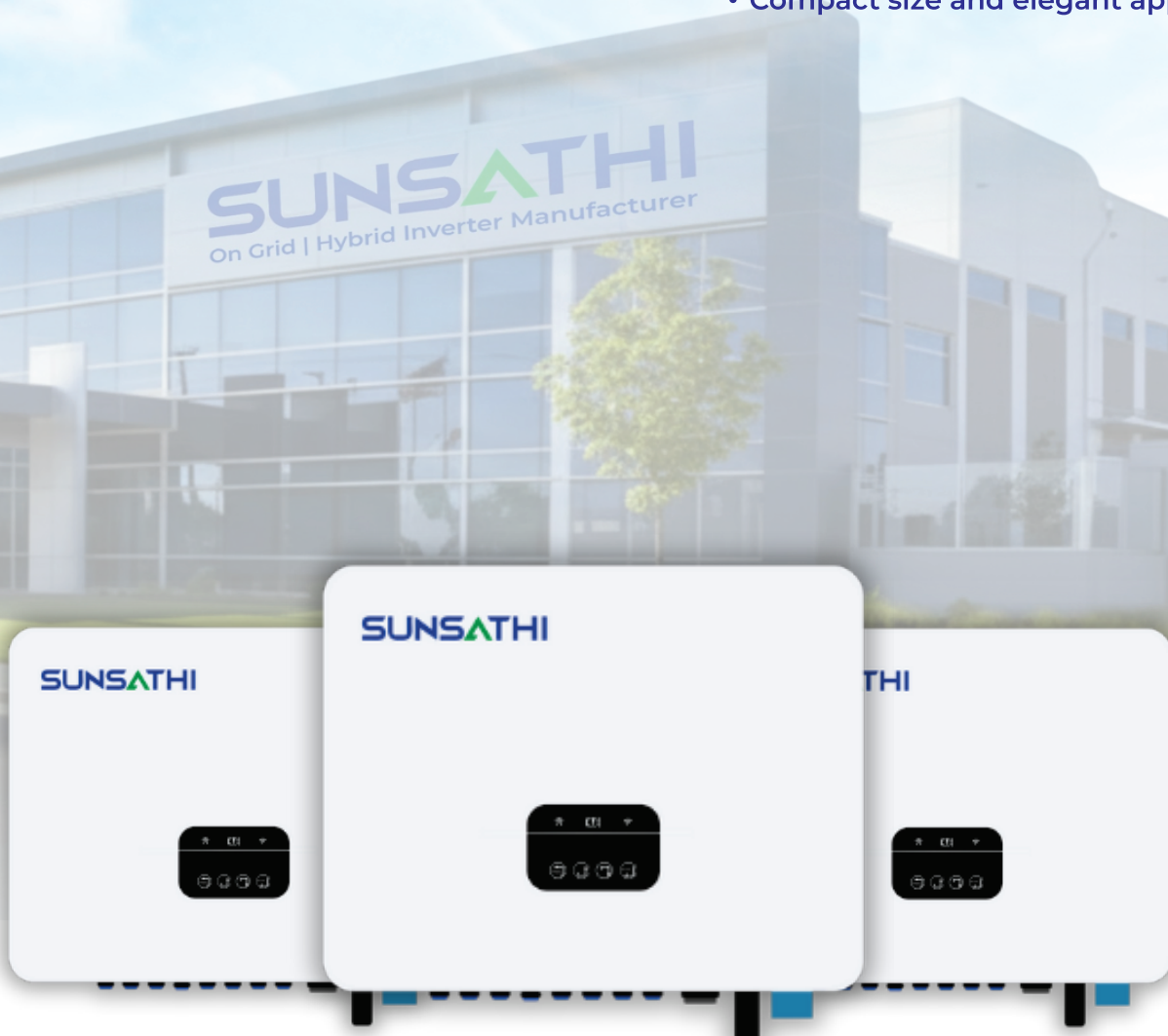
Strong Load

- 200 Start-up Voltage, Long Working hours with low start-up voltage.



Flexible Design & Use

- Ip66 for indoor and outdoor installation.
- Compact size and elegant appearance.



MODEL	100K	110K	125K
DC Parameters			
Max DC Power	150000W	165000W	187500W
Max DC Voltage	1100V*		
Startup Voltage Range (DC)	200V		
Operating Voltage Range (DC)	200-1000V*		
Rated Voltage DC	650V		
Max Permissible DC Current / MPPT	32A	32A	32A
Max Short Circuit Current /MPPT	48A	48A	48A
No. of MPPT	9	9	9
No. of Strings per MPPT	2	2	2
AC Parameters			
Rated AC Output Power	110000	11000W	125000
Max AC Output Power	100000	12100W	125000
Max AC Output Current	159.4	175.4	181.2
Rated AC Voltage	220/380,230/400		
Grid Frequency	50/60 Hz Variable		
AC Connection Configuration	3P+N+PE		
Power Factor	0.8 leading - 0.8 lagging		
I THD	<3% @ Rated Output Power		
Self Consumption (Night)	<0.1W		
DC Current Injection	<0.5%		
Efficiency			
Max Efficiency	98.7%	98.7%	98.7%
Euro Efficiency	98.3%	98.3%	98.3%
MPPT Efficiency	99.90%		
Features			
Display Type (LED/LCD)	OLED Display with LED Indicators		
Communication Port	RS 485, WIFI / GSM / LAN (Optional)		
Anti-PID Feature	Optional		
DC-AC Conversion Topology	High Frequency - Transformerless		
Power Switch DC Side	Optional		
Built in DC SPD Type	TYPE II SPD + GDT		
Built in AC SPD Type	TYPE II SPD + GDT		
Protections			
Ground Fault Protection	Integrated		
Over Temperature Protection	Integrated		
Residual Current Protection	Integrated		
DC Reverse Polarity Protection	Integrated		
Anti-Islanding Protection	Integrated		
Output Over V / I Protection	Integrated		
Insulation Resistance Protection	Integrated		
Output Short Circuit Protection	Integrated		
Overload Protection	Integrated		
Ambient Conditions			
Operating Temperature Range	(-) 30 ~ 60°C		
Protection Level (IP)	Ip66		
Operatinging Elevation / Altitude	≤4000m		
Cooling Method	Natural Convection + Smart Fan		
Relative Humidity	0 ~ 100 %		
Noice level dB	<30 dB		
Dimensions	965 x 700 x 355		
Weight	88Kg	88Kg	88Kg
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)		



Scan to download
datasheet

follow on:    

SUNSATHI

On Grid | Hybrid Inverter Manufacturer



35,000 sq. ft. Solar Inverter Manufacturing Area.

SUNSATHI SOLAR PVT. LTD.

Factory Address:

Plot No. 48, Infront Laali Lawn, Walad MIDC, Amravati - 444607

Corporate Office:

Arvind Apartment, Infront of Mantri Hospital, Near Mhatre Bridge,
Erandwane, Pune (MH) - 411004