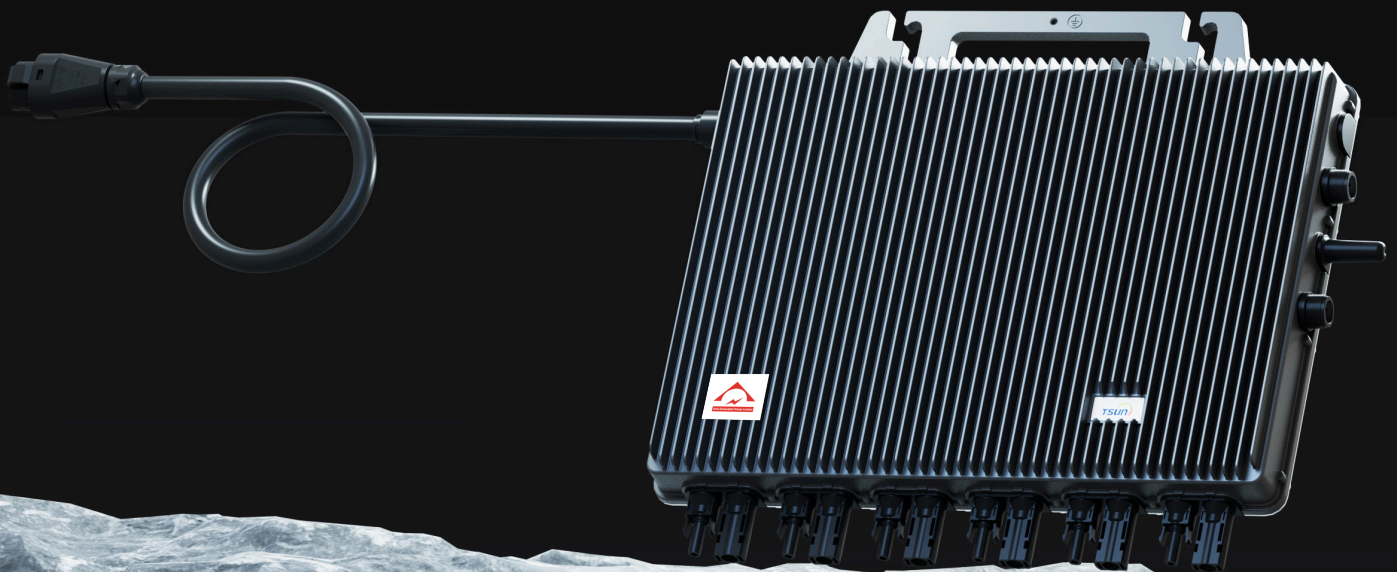




GEN3 Microinverter

6-in-1 Series

3000W

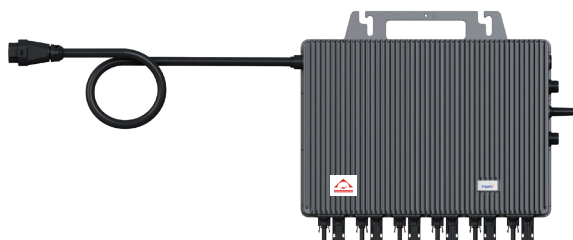


ATRIA RENEWABLE PVT LTD

www.atriarenewable.com

support@atriarenewable.com

GEN3 Microinverter 6-in-1

3000W

 Built-in WiFi/Bluetooth
APP Remote monitoring

96.7%

 Peak Efficiency
up to 96.7%

 First RS485
Communication
for Microinverter

 Plug and Play
Installation

Input (DC)

MS3000

Recommended Module Power [W]	300 - 600+
Quantity of PV Module	1 to 6
Start up Voltage per Input@Rated condition [V]	22
MPPT Voltage Range per Input [V]	16~60
Max. Input Voltage per Input [V]	60
Short Circuit Current per Input [A]	25
Max. Input Current per Input [A]	18
Quantity of MPPTs	3
Quantity of DC Inputs	6

Output (AC)

Nominal Continuous Output Power [W]	3000
Max. Output Current [A]	15
Nominal Output Voltage [V]	220/230/240, L/N/PE
Nominal Frequency [Hz]	50/60
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging
Output Current Harmonic Distortion	<3%
Maximum units per 12AWG branch	2
Maximum units per 10AWG branch	3

Efficiency

Peak Inverter Efficiency	97.0%
EU Efficiency	96.7%
Nominal MPPT Efficiency	99.9%
Night Time Power Consumption	<50 mW

Mechanical Data

Dimensions [WxHxD mm]	380 * 309 * 49
Weight [kg]	8.2

General Data

Communication	WiFi (Bluetooth) + RS485*2
Cable/Assembling	AC Cable up to 0.5m with T connector
Type of Isolation	HF Isolation
Type of Enclosure	IP67
Cooling	Natural convection
Operating Ambient Temperature Range	-40 ~ +65 °C (derating of over 50°C Ambient Temperature@ PV input 30V)
Relative Humidity	100%
Max. Operating Altitude Without Derating [m]	2000

※ The AC voltage and frequency range may vary depending on specific country grid.



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution,
Govt. of India)

मानक भवन, 9 बहादुर शाह जफर मार्ग, नई दिल्ली - 110002

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ई-मेल/E-mail: registration@bis.gov.in

वेबसाइट/Website: <https://bis.gov.in/>, <https://www.crsbis.in/BIS/>

Our Ref: REGISTRATION/CRS 2022-5213/R-72007480

Date:15-10-2025

Inclusion Id: 96577

Subject :Inclusion of Additional Model(s)

MANUFACTURING UNIT :	VSOLE SOLAR ENERGY PRIVATE LIMITED PLOT NO-2, ANTHEM PARK-1, CANAL ROAD, KOSMADA, SURAT, GUJARAT GUJARAT,India-395013 info@vsolesolar.com 9638136353	
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Dear Sir,

1. This has reference to your request for inclusion of models of "Utility-Interconnected Photovoltaic Inverters" as per IS 16221 (Part 2) : 2015 / IEC 62109-2 : 2011,IS 17980: 2022/ IEC 62891:2020,IS 16169: 2019/IEC 62116: 2014 in Licence No. R-72007480 already granted to you which is valid upto 05-12-2026.

2. It is intimated that the additional Models as per details given below have been agreed to be included in your scope of Licence. R-72007480 w.e.f. 15-10-2025:

Product Category	Utility-Interconnected Photovoltaic Inverters
Product Name	Utility-Interconnected Photovoltaic Inverters
IS No.	IS 16221 (Part 2) : 2015 / IEC 62109-2 : 2011,IS 17980: 2022/ IEC 62891:2020,IS 16169: 2019/IEC 62116: 2014
Brand (As Declared by Manufacturer):	VSOLE, VSOLE
Inclusion of Additional Models (w.e.f. 15-10-2025)	[Brand -> VSOLE, Models -> VS-MI-051S, VS-MI-061S, VS-MI-102S, VS-MI-122S, VS-MI-142S, VS-MI-164S, VS-MI-184S, VS-MI-204S, VS-MI-224S], [Brand -> VSOLE, Models -> VS-MI-051S, VS-MI-061S, VS-MI-102S, VS-MI-122S, VS-MI-142S, VS-MI-164S, VS-MI-184S, VS-MI-204S, VS-MI-224S]
Factory Address	PLOT NO-2, ANTHEM PARK-1, CANAL ROAD, KOSMADA, SURAT, GUJARAT GUJARAT,India-395013

3. Other terms and conditions of the licence shall remain same.

4. This letter is being issued with the approval of competent authority.

Kindly acknowledge receipt of this letter.

Thanking you,

Yours faithfully,
(Aurosmitta Kabiraj)
Scientist D
Telfax : +91-11-23230856
E-mail: registration@bis.gov.in

Note: This is a system generated letter. Hence signature is not required.
To verify authentication of letter, kindly scan the QR code on this letter.