



TRUST in every watt

India's
**FASTEST
GROWING**

New Age Inverter Company



Xwatt Energy Pvt. Ltd. is a progressive and innovative company committed to advancing clean and sustainable power solutions as a proud subsidiary of Greenera Enertech Pvt. Ltd. It leverages over 14 years of industry and technical experience of its parent company in manufacturing cutting-edge and technologically advanced solar inverters.

We offer a comprehensive range of solar energy solutions, including single-phase and three phase on-grid inverters from 1KW to 125 KW, high performance hybrid inverters ranging from 3 KW to 6 KW, and advanced micro inverters by Xwatt. We also offer advanced energy storage solutions, including 5.12 kWh lithium battery systems. Engineered for maximum efficiency, seamless performance, and long-term reliability, our solutions are designed to meet the diverse energy needs of residential, commercial, and industrial applications.



Mission

Our mission is to be a trusted market leader in the energy industry, delivering high-quality products and services that meet the evolving needs of our customers while promoting a sustainable tomorrow.



Vision

We envision a 100% renewable energy future, revolutionizing the way the world generates, consumes, and thinks about energy. As a trusted partner for clean energy solutions, we drive significant carbon-footprint reductions and promote energy independence worldwide.

1.2 GW **Make In India**
Production Facility



Three Phase
High Voltage
Hybrid Inverter



Three Phase Low Voltage
Hybrid Inverter

Upcoming

Product Launch -
Micro Inverter



**OCT
2025**



**APR
2025**



**MAR
2025**

Product Launch -
Lithium Battery For Hybrid Inverter

Product Launch -
Single Phase Low Voltage Hybrid Inverter



**JAN
2025**

Product Launch -
Three Phase Inverter Upto 50KW

Product Launch -
Three Phase Inverter Upto 125KW

Product Launch -
Single Phase Inverter



**JUN
2024**



**FEB
2024**

Formation of
Xwatt Energy Pvt. Ltd.
for Solar Inverters



2025

Honored by MNRE as a
National Top Performer,
for PM Suryaghar Yojna



2024

Explored the idea of
establishing a solar
manufacturing plant



2023

Recognized by GEDA as
Gujarat's Top EPC Vendor.



2016

Empaneled with GEDA for solar
power plant installations.



2012

Foundation of
GreenEra Enertech Pvt. Ltd.

Directors



Mr. Sanjay Patel

Director - Xwatt Energy Pvt. Ltd.

Mr. Sanjay Patel leads sales and marketing at Xwatt Energy, bringing over 14 years of experience in renewable energy. He builds effective teams, creates business connections, and develops practical ways to deliver clean energy solutions to customers. He aims for growth by focusing on customer needs and is committed to making Xwatt a leader in sustainable energy.

Mr. Sagar Bhayani

Director - Xwatt Energy Pvt. Ltd.

Mr. Sagar Bhayani handles digital strategy, procurement, and logistics at Xwatt. He is responsible for the company's online presence, digital marketing, and smooth operations with suppliers. He works to make processes more efficient and helps the company reach more customers by expanding into new markets.



Mr. Kunal Kakadiya

Director - Xwatt Energy Pvt. Ltd.

Mr. Kunal Kakadiya manages product quality and innovation at Xwatt, with over 14 years of industry experience. He ensures products are up-to-date, safe, and dependable. He focuses on research and development, keeping the company at the forefront of technology with reliable energy solutions.

1.5KW To 6.0KW

20A Input
Current,
Supported Up
To 800WP
Panel.

10 YEARS WARRANTY

1.5KW - 4.4KW

5.0KW - 6.0KW (DM)

5.0KW - 6.0KW (SM)



Wide Range
AC Voltage:
90V-290V

Lower
Start-Up
Voltage
50V

Compact
Design &
Easy To
Install



SINGLE PHASE DATASHEET										
Description	XW-1.5K	XW-2.3K	XW-3.0K	XW-3.3K	XW-3.6K	XW-4.0K	XW-4.4K	XW-5.0K	XW-5.4K	XW-6.0K
DC Input										
Max. PV array input power[wp]	2250	3450	4500	4950	5400	6000	6600	7500	8100	9000
Max. PV input voltage [v]	550	550	550	550	550	550	550	550	550	550
Startup voltage [V]	50	50	50	50	50	50	50	50	50	50
Nominal input voltage [v]	360	360	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	40-550	40-550	40-550	40-550	40-550	40-550	40-550	40-550	40-550	40-550
No. of MPP trackers	1									
Strings per MPP tracker	1									
Max. PV input current [A]	20									
PV array short circuit current [A]	25									
AC Output										
Rated AC output power [W]	1500	2300	3000	3300	3600	4000	4400	5000	5400	6000
Rated AC output current [A]	6.5	10	13.1	14.4	15.7	17.4	19.2	21.7	23.5	26.1
Max. AC output current [A]	7.5	11	15	15	18	20	22	25	27	27.3
Nominal AC voltage / AC voltage range [v]	230 ; 90-290									
Nominal AC frequency / AC frequency range [Hz]	50 ; ± 5%									
Power Factor	~ 0.99									
THDI (rated power) [%]	< 3									

THREE PHASE DATASHEET										
Description	XW-5K	XW-6K	XW-8K	XW-10K	XW-12K	XW-15K	XW-20K	XW-25K	XW-30K	XW-33K
DC Input										
Max. PV array input power [Wp]	7500	9000	12000	15000	18000	22500	30000	37500	45000	49000
Max. PV input voltage [V]	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Startup voltage [V]	180	180	180	180	180	180	180	180	180	180
Nominal input voltage [V]	650	650	650	650	650	650	650	650	650	650
MPP tracker voltage range [V]	180-1000	180-1000	180-1000	180-1000	180-1000	180-1000	180-1000	180-1000	180-1000	180-1000
No. of MPP trackers	2									
String per MPP tracker	1/1					1/2	2/2			
Max. PV input current [A]	20/20					20/30	30/30	40/40		
PV array short circuit current[A]	25/25					25/37.5	37.5/37.5	50/50		
AC OUTPUT										
Rated AC output power [W]	5000	6000	8000	10000	12000	15000	20000	25000	30000	33000
Max. AC output power [kVA]	5.5	6.6	8.8	11	13.2	16.5	22	27.5	33	36.3
Max. AC output current [A]	8.3	10	13.3	16.7	20	24	32	41	48	53
Nominal AC voltage / AC voltage range [Vac]	400 ; 310-480									
Nominal AC frequency / AC frequency range [Hz]	50 ; 45-55									
Power Factor	~ 0.99									
THDi (rated power) [%]	< 2 (Under Rated Power)									

Three Phase

36KW To 60KW

Built-in
SPD: **Type II**
(DC) & **Type**
III (AC)



Wifi/4G/
Local
Mode



Fan-Cooling
For Stable
Performance

Upto
40A Per
MPPT



THREE PHASE DATASHEET

Description	XW-36K	XW-40K	XW-45K	XW-50K	XW-60K
DC INPUT					
Max. PV array input power [kWp]	54	60	67.5	75	90
Max. PV input voltage [V]			1100		
Startup voltage [V]			180		
Nominal input voltage [V]			650		
MPP tracker voltage range [V]			200-1000		
No. of MPP trackers	3		4		
String per MPP tracker	2/2/1		2/2/1/1		3/1/3/1
Max. PV input current per MPPT [A]	40/40/20		40/40/20/20		45/20/45/20
PV Array Short Circuit current per MPPT [A]	50/50/25		50/50/25/25		56/25/56/25
AC OUTPUT					
Rated AC output power [kW]	36	40	45	50	60
Max. AC output apparent power [kVA]	39.6	44	49.5	55	66
Max. AC output current [A]	56	66	72	80	96
Nominal AC voltage / AC voltage range [V]			400 ; 310-480		
Nominal AC frequency / AC frequency range [Hz]			50 ; 45-55		
Power factor			~0.99		
THDi (rated power) [%]			< 2 (Under Rated Power)		

Three Phase

80KW To 125KW

Built-in
SPD: Type II
(DC) & Type
III (AC)



Fan-Cooling
For Stable
Performance

Wifi/4G/
Local
Mode

Upto
40A Per
MPPT



THREE PHASE DATASHEET

Description	XW-80K	XW-90K	XW-100K	XW-110K	XW-125K
DC INPUT					
Max. PV array input power [kWp]	104	117	130	143	162.5
Max. PV input voltage [V]				1100	
Startup voltage [V]				180	
Nominal input voltage [V]				650	
MPP tracker voltage range [V]				200-1000	
No. of MPP trackers		8			8
String per MPP tracker		2/2/1/1/2/2/1/1			3/1/3/1/3/1/3/1
Max. PV input current per MPPT [A]		40/40/20/20/40/40/20/20			45/20/45/20/45/20/45/20
PV array short circuit current per MPPT [A]		50/50/25/25/50/50/25/25			56/25/56/25/56/25/56/25
AC OUTPUT					
Rated AC output power [kW]	80	90	100	110	125
Max. AC output apparent power [kVA]	88	99	110	121	137.5
Max. AC output current [A]	128	144	160	176	196
Nominal AC voltage / AC voltage range [V]				400 ; 310-480	
Nominal AC frequency / AC frequency range [Hz]				50 ; 45-55	
Power factor				~ 0.99	
THDi (rated power) [%]				< 2 (Under Rated Power)	

Single Phase Hybrid

3.0KW To 6.0KW

Works
On-Grid,
Off-Grid &
Hybrid



IP65
Rated

**Transformer
Less**

Runs
Without
Battery Or
Grid

4 MS
Auto Load
Switching



HYBRID SINGLE PHASE LV DATASHEET

Description	XWH-3.0K-LV	XWH-3.7K-LV	XWH-4.0K-LV	XWH-5.0K-LV	XWH-6.0K-LV
DC INPUT					
Max. PV array input power [Wp]	4500	5550	6000	7500	9000
Max. PV input voltage [V]			550		
Startup voltage [V]			110		
Nominal input voltage [V]			360		
MPP tracker voltage range [V]			80-520		
No. of MPP trackers			2		
String per MPP tracker			1/1		
Max. PV input current [A]			16/16		
PV array short circuit current [A]			20/20		
AC INPUT AND OUTPUT (ON GRID)					
Rated AC output power [W]	3000	3680	4000	5000	6000
Max. AC output apparent power [VA]	3300	3680	4400	5000	6000
Max. AC output continuous current [A]	14.4	16	19.2	21.8	26.1
Nominal AC voltage [Vac]			220/230/240		
Max. AC input apparent power [VA]	6000	7360	8000	9200	9200
Max. AC input current [A]	26.1	32	34.8	40	40
Nominal AC frequency [Hz]			50		
Power Factor			~ 0.99		
THDi (rated power) [%]			< 3		

Micro Inverter

(2-in-1 ; 4-in-1)

Panel Level
Monitoring

Simplifies
Setup By
Eliminating
The DC Box



Maximized
Output



Affordable
&
Flexible

Lower Initial Cost
Compared To
String Inverter



MICRO INVERTER

Description	XW - 1.0K	XW - 1.1K	XW - 2.0K	XW - 2.3K
DC Input				
Recommended module power (Wp)	300 ~ 600+	300 ~ 600+	300 ~ 600+	300 ~ 600+
No. of PV Module	1 to 2	1 to 2	1 to 4	1 to 4
Start up voltage per input@ rated condition (V)	22	22	22	22
MPPT voltage range per input (V)	16 ~ 60	16 ~ 60	16 ~ 60	16 ~ 60
Max. input voltage per input (V)	60	60	60	60
Max. input current per input (A)	14	14	18	18
Short circuit current - (A)	20	20	25	25
No. of MPPT	2	2	4	4
No. of DC inputs	2	2	4	4
Output [AC]				
Nominal continuous output power (W)	1000	1100	2000	2250
Max output current [A]	5	5.5	10	11.25
Nominal output voltage [V]	230			
Nominal frequency [Hz]	50			
Power factor	~ 0.99			
Output Current Harmonic Distortion [%]	<3			

Trusted By

1500000⁺

Residential And
Commercial Clients.

1 Lakh Sq Ft

State-of-the-Art Plant Spread Over

14⁺ Years Of
Industry
Expertise

100⁺ Engineers
Driving
Innovation.

30⁺ Distribution
Centres
Across India.

Why
Choose
US?

20⁺ R & D
Engineers

30⁺ Service Centres
Ensuring Strong
After-Sales Support.

50-55%

Month-On-Month Revenue Growth.

40% Field Staff For
Quick Service

1.2 GW
Gigawatt
Capacity



Service at your Fingertips

First time in the Solar Industry



TRUST in every watt

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SOLAR ON GRID
INVERTER

India's Best Single-Phase And Three-Phase Inverters

Request ▾

» Warranty Request

Check your warranty details online

» Service Request

Raise a complaint ticket and get faster response

WARRANTY REQUEST

XWS0624B107001

SEARCH

Model	SOLAR ON GRID INVERTER XW-3.3K
Warranty Start Date	2024-07-03
Warranty End Date	2034-07-03
Warranty Certificate	Download

SERVICE REQUEST

XWS0624B107001

SEARCH

MODEL

SOLAR ON GRID INVERTER XW-3.3K

WARRANTY STATUS

In Warranty

NAME

PHONE NUMBER

ADDRESS 1

ADDRESS 2

STATE

DISTRICT

ISSUE

DESCRIPTION

ADD FILE / ATTACHMENT

SUBMIT

ONE STEP CLOSER TO QUALITY AND COMMITMENT

Xwatt

TRUST in every watt

XWATT WARRANTY CERTIFICATE

Product: SOLAR ON GRID INVERTER XW-3.3K

Serial Number: XWS0624B107001

Warranty Start Date: 2024-07-03

Warranty Expiry Date: 2034-07-03

THE PRODUCT WARRANTY STARTS ON THE DATE OF INSTALLATION OR THREE MONTHS FROM THE DATE OF THE INVOICE, WHICHEVER IS EARLIER.
YOUR WARRANTY IS ADMINISTERED BY XWATT ENERGY PVT. LTD.

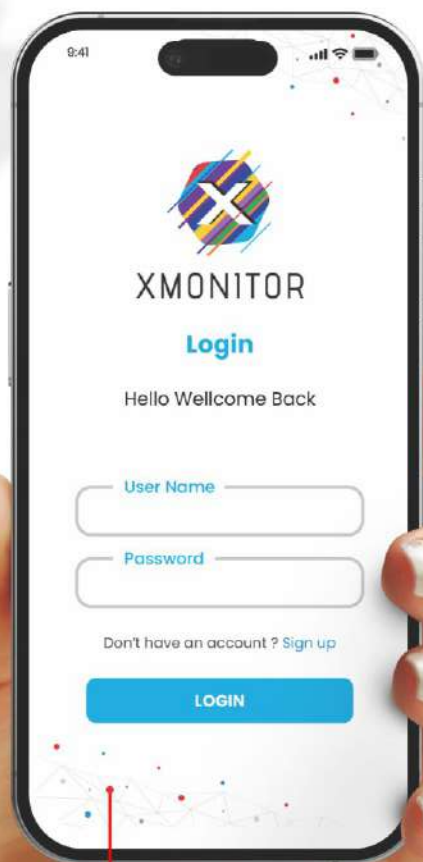
Xwatt

TRUST in every watt

Directly Approach The Company
Service Centre

Using Your Serial Number

Our APP XMONITOR



Daily Unit
Generation



Automatic
Fault Detection



Real Time
Monitoring



Remote Inverter
Management

4 LEVEL SERVICE SUPPORT



To Register A Complaint :

Wifi/4G

Configuration : +91 90816 55586 / 87

Service No. : +91 90816 55545

Raise Ticket : www.xwatt.in/service-request

Email ID : service@xwatt.in



For issues that can be fixed remotely,
we offer support via online monitoring,
provided each inverter has internet
access through the RMS Dongle.



If the problem is hardware-related or
cannot be solved remotely, our team
will visit the site for assistance.



For faulty inverters, replacements will
be arranged within 48 business hours
from the time the complaint is logged.

Our Valuable Clients



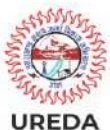
पश्चिम रेलवे
Western Railway



Southern Railway



GEDA



విజయనగరం జిల్లా పరిషత్తు
Vizianagaram District Court



Network

PAN INDIA Presence

Growing Foot Prints From Region to Region

We're expanding our presence across India, bringing our services closer to you, wherever you are. From bustling cities to quiet towns, we're committed to reaching every corner of the country. No matter where you live, we'll be there to serve you better ~ Xwatt.

30⁺



Service
Centers

30⁺



Distribution
Centres





XWATT ENERGY PRIVATE LIMITED



New Sarvoday Society Street No.1, Opp Equity Hyundai,
Nr. Nayara Pump, 80ft Road, Rajkot - 360 003



+91 90816 55529



sales@xwatt.in



www.xwatt.in

TOLL FREE : 18001201278