



PRODUCT CATALOGUE



Authorized Distributor

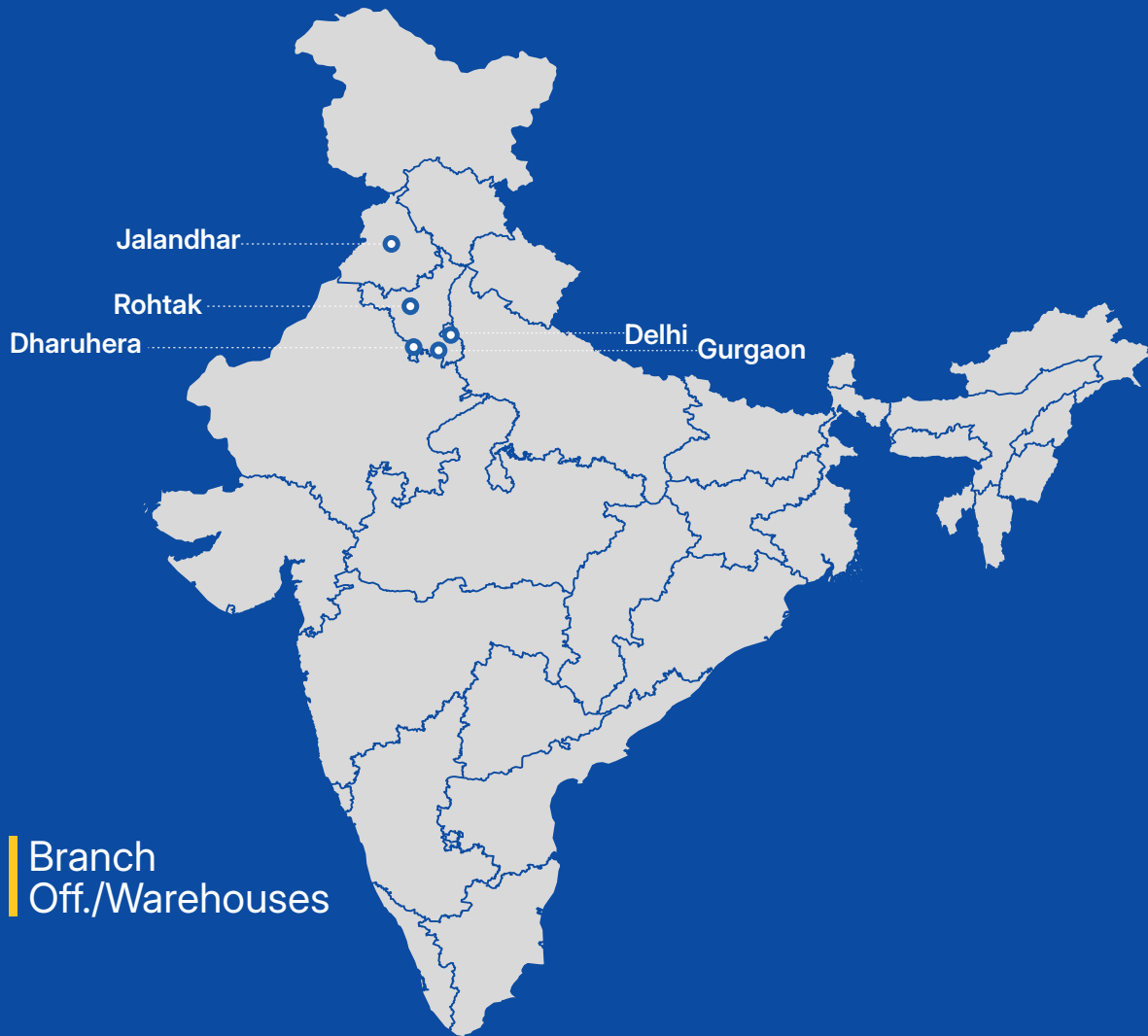
J.S. Solartech India Pvt. Ltd.

Solar Energy Solutions



JS SOLARTECH

J.S. Solartech India Pvt. Ltd. is an ISO-certified EPC company and authorized distributor dedicated to powering a greener future. Since our founding in January 2016, we have bridged the gap between world-class solar technology and large-scale implementation. We serve as a trusted distribution hub for industry giants, including Adani, Havells, SMA, KSolare, and Sungrow. Beyond solar modules and solar inverters, we provide a complete ecosystem of solar accessories—from high-grade cables and AC/DC distribution boxes to advanced earthing and lightning arrestor systems. With a strategic network of warehouses across Northern India, we provide seamless logistical support and high-volume supply chains. To date, we have successfully catered to the needs of EPCs and developers across India and South East Asia, establishing ourselves as a leader in the renewable energy transition.



BRANDS WE DEAL WITH



"Trusted by EPCs & Developers"

SMA



SMA Solar Technology AG is a global leader in solar inverter and energy management solutions. Based in Germany, the company delivers innovative, reliable, and future-ready technologies for residential, commercial, and utility-scale solar projects worldwide. With smart software, high efficiency products, and advanced energy systems, SMA powers sustainable energy for a smarter future.

J.S. Solartech has been a proud partner of SMA for over **10 years**, delivering trusted SMA solutions across diverse projects and strengthening sustainable energy adoption in India through long-term collaboration and technical



110 kW commercial inverter for rooftop & MW-scale ground systems.

- 12 MPP trackers, 24 strings, 1100 VDC Sunclix
- 400 VAC output, 98.6% peak efficiency
- Fast commissioning – no extra DC combiners
- High IT security & future-ready design
- Integrated SMA ShadeFix for higher yield (even in shading)
- Premium monitoring + SMA Smart Connected
- Seamless expansion in SMA Energy System with ennexOS

Maximum flexibility. Maximum yield. Maximum power.



Installation
Video"

ADANI SOLAR



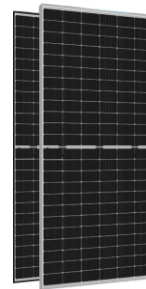
Adani Solar is India's largest and most trusted vertically-integrated solar PV manufacturer, producing high-efficiency MonoPERC, TOPCon, and Bifacial modules with excellent performance, durability, and energy yield for residential, commercial and utility-scale projects; ranked among the world's top solar module producers with strong global and domestic acceptance and backed by robust manufacturing capabilities and bankable reliability. Powerful Performance. Proven Reliability. Made-in-India Solar Excellence.

J.S. Solartech has been a trusted partner of Adani Group for over **7 years**, delivering reliable solar panels across diverse projects.



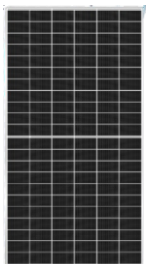
ELAN SHINE Mono-Perc 530 - 560 Wp Bifacial (Glass to Glass)

- Only Indian manufacturer to win top performer rankings for 6 consecutive years: 2018-23 (PVEL - DNV)
- First Indian Tier-1 Module Manufacturer
- World Class capacity and rigorous in-house testing
- 12 years of product warranty and upto 30 years of linear performance warranty
- Range: 530Wp – 560Wp
- Available in DCR and Non-DCR



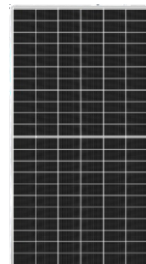
N-Type TOPCon 560W - 580 Wp Bifacial (Glass to Glass)

- Up to 30% Additional Power Gain when compared with conventional P-type module
- No LID Loss - Higher power generation
- Higher power output even under low-light environments like on cloudy or foggy days
- Better Temperature Coefficient
- Higher power generation under higher ambient temperature conditions
- Bifocality Factor $80 \pm 5 \%$
- Range: 560W – 580W



TOPCon G12R- 132 cell

- Up to 30% Additional Power Gain when compared with conventional P-type module
- No LID Loss - Higher power generation
- Better Output In Low Irradiance
- Higher power output even under low-light environments like on cloudy or foggy days
- Better Temperature Coefficient
- Higher power generation under higher ambient temperature conditions
- Bifocality Factor $80 \pm 5 \%$
- Range: 590Wp – 620Wp



Enviro TOPCon - 144 cell

- High Savings
- High Efficiency – Upto 23%
- Better Weak Illumination Response
- LOW LID
- PID Resistance
- 10-30% Additional Power Generation
- Wider Applicability
- 12 Years Warranty / 30 years performance warranty
- Range: 565Wp -595Wp

HAVELLS



Havells offers high-performance solar panels and advanced solar inverters engineered for residential, commercial and industrial solar systems, delivering reliable energy generation, superior efficiency and long-term durability. As part of India's trusted electrical brand portfolio distributed by JS Solartech since 2016, Havells solar solutions ensure seamless on-grid and off-grid integration, robust build quality, and dependable performance backed by strong service support across the country, making them a preferred choice for sustainable and cost-efficient solar power systems. For the past **8 years**, J.S. Solartech has proudly partnered with Havells India, implementing dependable & high-performance solar solutions.



Models - Enviro GTi 1100
NG-1.1 kW, 2200 NG - 2.2 kW, 3000 NG-3 kW & 3300 NG-3.3 kW
BIS and IEC Certified
Single Phase Single MPPT suitable for Residential application
High efficiency inverter up to 97.7%
Built-in Zero Export Feature
WiFi/GPRS Data logger, RS485
USB port for software update



Models - Enviro GTi 4000
D-4 kW, 5000 D-5 kW, 6000 D-6 kW
BIS and IEC Certified
Single Phase DUAL MPPT suitable for Residential application
High efficiency inverter up to 98%
Built-in Zero Export Feature
WiFi / GPRS Data logger, RS485
SD card for 25 years data storage locally



Models - Enviro GTi 4000
D-NG, 5000 D - NG, 6000 D-NG.
IEC Certified
High efficiency inverter up to 98.4%
Built-in Zero Export Feature
1.5 times DC Over loading per MPPT
WiFi / GPRS Data logger USB Type
Online Software Upgrade



Models - Enviro GTi 5500 TX-5 kW, 6600 TX-6 kW, 8800 TX-8 kW & 11000 TX-10 kW
BIS and IEC Certified
Three Phase DUAL MPPT suitable for Commercial application
High efficiency inverter up to 98.3%
Built in DC Switch
4 inch LCD display for generation data
WiFi / GPRS Data logger, RS485
SD card for 25 years data storage locally
Anti-Reverse Power control (APRC)-Optional



Models - Enviro GTi 50 KT-50 kW & 60 KT-60 kW
Three Phase THREE MPPT suitable for Commercial application
High efficiency inverter up to 98.6% Built in DC Switch, DC SPD Type II
4 inch LCD display for generation data
BIS and IEC Certified
WiFi/GPRS Data logger, RS485, RRCR Port
SD card for 25 years data storage locally
Anti-Reverse Power control (APRC) Optional



Models - Enviro GTi 5000 TX NG-5 kW, 6600 TX NG-6 kW, 8800 TX NG-8 kW, 11000 TX NG-10 kW
IEC Certified
1.5 times DC Over loading per MPPT
High efficiency inverter up to 98.6%
Maximum DC input Voltage 1100 V
Inbuilt type II-SPD for DC & AC Side
String Level Monitoring
Online Software Upgrade
WiFi / GPRS Data logger USB Type



Models - Enviro GTi 15 KT NG-15 kW, 20 KT NG-20 kW, 24 KT NG - 24 kW
IEC Certified
1.5 times DC Over loading per MPPT
High efficiency inverter up to 98.6%
Maximum DC input Voltage 1100 V
Inbuilt type II - SPD for DC & AC Side
String Level Monitoring
Online Software Upgrade
WiFi / GPRS Data logger USB Type



Models - Enviro GTi 20000 TD-20 kW & 30000 TD-30 kW
Three Phase DUAL MPPT suitable for Commercial application
High efficiency inverter up to 98.6%
Built in DC Switch
4 inch LCD display for generation data
BIS and IEC Certified
WiFi/GPRS Data logger, RS485
SD card for 25 years data storage locally
Anti - Reverse Power control (APRC) -Optional



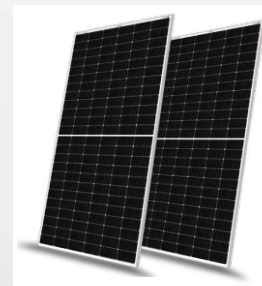
Models - Enviro GTi 25 KT NG-25 kW, 30 KT NG-30 kW, 40 KT NG-40 kW, 50 KT NG-50 kW,
IEC Certified
3/4 MPPT with 1.5 times DC Overloading
Maximum DC input Voltage 1100 V
High efficiency inverter up to 98.9%
Inbuilt type II-SPD for DC & AC Side
String Level Monitoring
Online Software Upgrade
WiFi/GPRS Data logger USB Type



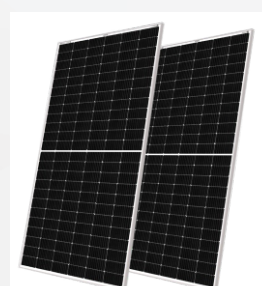
Models - Enviro GTi 80 KT-80 kW & 100 KT 100 kW
Three Phase, 8 to 10 MPPTS
High efficiency inverter up to 98.7%
Built in DC Switch,
Inbuilt DC SPD Type II, AC SPD Type II
WiFi/GPRS Data logger, RS-485
IEC Certified



Models - Enviro GTi 60 KT NG-60 kW, 80 KT NG-BD kW
IEC Certified
6 MPPT with 1.5 times DC Overloading
Maximum DC input Voltage 1100 V
High efficiency inverter up to 98.7%
Inbuilt type II-SPD for DC & AC Side
String Level Monitoring
Online Software Upgrade
WiFi/GPRS Data logger USB Type



GS12R-T132-GF
(600Wp - 620Wp)



GS10-T144-GF
(565Wp - 595Wp)

Ksolare



Ksolare is a trusted solar inverter brand delivering efficient, reliable, and advanced power conversion solutions for residential, commercial, and industrial solar systems. Designed for high performance and long-term durability, Ksolare inverters ensure stable output, smart monitoring capabilities, and seamless system integration for maximum energy yield. With a strong focus on innovation, quality engineering, and dependable after-sales support, Ksolare provides cost-effective and future-ready solar solutions tailored for Indian conditions.

J.S. Solartech has been associated with Ksolare Energy for over **7 years**, delivering advanced solar technology across multiple installations.



5G-PRO+ Single Phase Solar Grid Tie Inverter (1kW-6kW)

The 5G-PRO+ Single Phase (1-6kW) is a transformerless residential grid-tie inverter operating at 230V, 50/60Hz, with max 550V DC input and 70-550V MPPT range. Featuring single MPPT and single-string design (no Y-connector required), it delivers up to 98% efficiency, <3% THDi, and adjustable power factor (0.8 leading to 0.8 lagging). Integrated anti-islanding, residual current monitoring, insulation detection, over-voltage and SPD protection ensure safety. Built with MC4 connectors, LED-LCD display, WiFi/RS485 communication, IP65 enclosure, natural cooling, and -25°C to +60°C operation, it provides reliable long-term performance with 8-year warranty.



5G-PRO+ Three Phase Solar Grid Tie Inverter (3kW-10kW)

The 5G-PRO+ Three Phase (3-10kW) inverter is designed for commercial and industrial systems, supporting 380/400/415V grids with max 1000V DC input and 200-1000V MPPT range. It achieves up to 98% efficiency, <3% THDi, and adjustable power factor (0.8 leading to 0.8 lagging) for stable grid integration. Equipped with single MPPT, inbuilt DC switch, smart fan cooling, anti-islanding, residual current monitoring, insulation detection, and surge protection. Featuring MC4 connectors, LED-LCD display, WiFi/RS485 communication, IP65 protection, and 8-year warranty, it ensures durable outdoor C&I operation.



Three Phase 5kW-12kW Series

High-efficiency three-phase inverter for commercial rooftop systems with multi-MPPT design and wide DC voltage range, compatible with high-power PV modules. Provides stable three-phase output with low THD and adjustable power factor. Equipped with DC switch, Type II DC/AC SPD, anti-islanding, leakage current protection, and grid monitoring. IP65 wall-mounted design with natural/smart cooling and remote monitoring ensures reliable C&I performance.



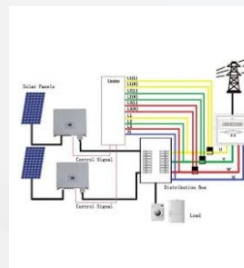
Three Phase 15kW-25kW Series

1000V DC three-phase inverter series with multi-MPPT architecture, high DC input current support, and optimized energy yield for medium-scale C&I plants. Delivers high efficiency, low harmonic distortion, and stable three-phase output. Integrated DC switch, Type II DC/AC surge protection, comprehensive grid compliance, and advanced safety protections. IP65 enclosure, anti-corrosion protection, smart forced-air cooling, and intelligent remote O&M capability.



Three Phase 30kW-80kW Series

High power-density three-phase inverter range for large commercial and industrial plants, featuring advanced multi-MPPT configuration and wide DC operating range. Supports high DC input current and large PV arrays with superior conversion efficiency. Includes DC/AC surge protection, AFCI (optional), string monitoring, PID recovery, and full grid-support functions. Built with IP65/IP66 protection, anti-corrosion coating, smart forced-air cooling, and advanced remote monitoring for utility-scale reliability.



Zero Export Kit – Reverse Power Limiter (Three Phase)

The Zero Export Kit (Three Phase) is a reverse power control solution that prevents export to the utility grid by continuously monitoring grid voltage and load current via CT sensors and dynamically regulating inverter output. It supports minimum mode (zero export per phase) and average mode (total load-based control). Supplied with limiter unit, CTs, and control interface, it ensures accurate power balancing, grid compliance, and safe operation for three-phase solar systems.

Sungrow

Sungrow is a global leader in renewable energy technology with over 27 years of innovation, delivering sustainable power solutions worldwide. Recognized as the No.1 PV inverter company globally (S&P Global Commodity Insights), Sungrow has installed 605+ GW of power electronic converters across 170+ countries, supported by 490+ service outlets. With one of the world's largest inverter manufacturing capacities (330 GW annually) and strong R&D expertise, Sungrow continues to drive cutting-edge PV and energy storage solutions—powering a cleaner, smarter, and more sustainable future.

Over the past year, J.S. Solartech has partnered with Sungrow Power Supply to provide innovative & efficient solar inverters.

SUNGROW
Clean power for all



SG75CX-P2 Multi-MPPT String Inverter for 1000 Vdc System

- 8 MPPTs with max. efficiency 98.5%
- DC 15A current input, compatible with over 500W+ PV module
- Dynamic shading optimization mode
- Compatible max. 240mm² Al AC cables
- Drawer-style cable sealing plate support AC cable pre-assembly
- IP66 protection and C5 Anti-corrosion
- DC Type I+II SPD, AC Type II SPD
- Support AFCI 2.0 function
- Key component diagnosis and protection
- Smart IV Curve Diagnosis
- Grid fault record function, easy for remote O&M



SG33CX/SG40CX/SG50CX Multi-MPPT String Inverter for 1000 Vdc System

- Up to 5 MPPTs with max. efficiency 98.7%
- Compatible with bifacial module
- Built-in PID recovery function
- Touch free commissioning and remote firmware upgrade
- Online IV curve scan and diagnosis*
- Fuse free design with smart string current monitoring
- Compatible with Al and Cu AC cables
- DC 2 in 1 connection enabled
- Cable free communication with optional Wi-Fi
- IP66 and C5 anti-corrosion grade
- Type II SPD for both DC and AC
- Satisfied global safety and grid code



SG3.0RS-L-IN Single-MPPT String Inverter for 600 Vdc System

- Compatible with high power PV modules
- Lower startup & wider MPPT voltage range
- Built-in smart PID Zero function
- Built-in Type II DC & AC SPD
- IP65, indoor & outdoor installation
- Plug and play installation
- One-click access to iSolarCloud monitoring platform
- Light and compact (A4 Size) with optimized heat dissipation design



SG4.0/5.0/6.0RS-L Double-MPPT String Inverter for 600 Vdc System

- Compatible with high power PV modules and bifacial modules
- Lower startup & wider MPPT voltage range
- Built-in smart PID Zero function
- Built-in Type II DC & AC SPD
- IP65, indoor & outdoor installation
- Plug and play installation
- One-click access to iSolarCloud monitoring platform
- Light and compact with optimized heat dissipation design
- Real time data (10 seconds refresh sample)
- Remote firmware updates



SG5.0/6.0/8.0/10/12RT-P2 Multi-MPPT String Inverter for 1000 Vdc System

- Lower startup & wider MPPT voltage
- Compatible with 500W+ PV modules
- Build-in Type II DC & AC SPD
- C5 anti-corrosion & Ip65
- Remote firmware updates
- 18kg compact design
- Plug and play connectors
- Fast and easy commissioning via iSolarCloud App



SG15/20RT-P2 Multi-MPPT String Inverter for 1000 Vdc System

- Lower startup & wider MPPT voltage
- Compatible with 500W+ PV modules
- Build-in Type II DC & AC SPD
- C5 anti-corrosion & Ip65
- Remote firmware updates
- 18kg compact design
- Plug and play connectors
- Fast and easy commissioning via iSolarCloud App

Accessories



Siecchem DC Cable



DC and AC Distribution Box



Earthing Rods



Lightning Arrester



Earthing Cable



Sunclix connectors



SPD's



Models - Havells DC Cables (4 So MM)



J.S. Solartech India Pvt. Ltd.

Solar Energy Solutions

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