

Creating Innovative Green Solutions





About

Servotech Renewable Power System Ltd. (Formerly known as Servotech Power Systems Ltd.) is committed to driving transformative change by fostering a green future through sustainable development and continuous innovation. Our eco-friendly products are designed to lead the charge in renewable energy and electric mobility. With over two decades of industry expertise, we have crafted high-value solutions that make a meaningful impact.

Our product portfolio includes comprehensive solar solutions such as Solar Panels, Solar Inverters, ESS, AC & DC EV Chargers, Servo Stabilizers, Solar Batteries. A standout in this lineup are the newly launched inverters which exemplify our forward-thinking approach. These advanced inverters are designed to seamlessly integrate with our high-quality solar panels, efficiently powering multiple households. Servotech remains at the forefront of Solar & EV Charging technology, consistently delivering superior performance and innovation to our customers.

Solar, Simplified with Servotech

Servotech's high-quality, technologically advanced solar solutions redefine the concept of renewable power with their cutting-edge innovations. Crafted with precision and built on a foundation of reliability, our products reflect Servotech's enduring legacy of delivering technology-driven, durable products designed for long-term performance and sustainability.

Here is why you should choose us :

Industry Leader: As a pioneering solar solutions provider, Servotech leads innovation in the renewable energy sector, with products trusted by customers globally.

Precision Engineering: Our inverters are expertly crafted for efficient energy conversion, ensuring maximum power output from your solar panels.

High Efficiency: Designed with a focus on optimal performance, Servotech inverters provide high energy conversion rates, lowering electricity costs and maximizing your solar investment.

User-Friendly Design: Featuring easy-to-use interfaces and simple installation, our inverters offer a seamless experience, making solar power accessible and convenient for all households.



Our Mission

To provide the most advanced cutting-edge technological and innovative solutions for a sustainable future. To empower our skilled workforce through knowledge sharing, associations, and collaborations to help society embrace the change of energy transition.

Our Vision

Our vision, 'Produce Green to Live Green,' is to lead the global transition to net-zero emissions. We are committed to creating and introducing world-class renewable energy solutions that eliminate reliance on fossil fuels, ensuring a sustainable future for generations to come.





Our Journey of Innovations

Founded in 2004, Servotech Renewable Power System Ltd. embarked on a mission to revolutionize the renewable energy landscape. From our initial focus on Sine wave Inverters, we have continuously expanded and innovated, developing a comprehensive suite of cutting-edge solutions that power a sustainable future.



Looking Ahead

Building on our rich history of innovation, Servotech Renewable Power System Ltd. remains dedicated to developing cutting-edge renewable energy solutions that meet the evolving needs of our customers and contribute to a cleaner, more sustainable future.



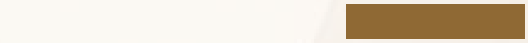
Elegant Series

Off-Grid PWM Solar Inverter

- PLUS/UNIK
- True CV PWM
- LCD Display
- Advanced DSP Technology
- AI Charge Sharing
- 5 Stage Battery Charging



Range Available : 1 kVA - 5 kVA



Flare Series

Off-Grid MPPT Solar Inverter

- True MPPT
- Configurable User Settings
- Advanced DSP Technology
- AI Charge Sharing
- Remote Monitoring IoT

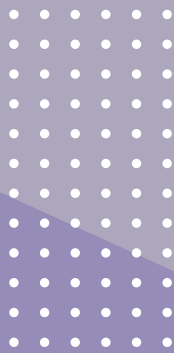


Range Available : 1 kVA - 1 50 kVA



Solvion Series

Single & Three Phase On-Grid Solar Inverter



PRODUCT FEATURES

- Power generation monitoring
- IP65 protection
- Power export limit
- Big LCD display

APPLICATION

- Residential Rooftops
- Commercial Buildings
- Community Solar Projects
- Educational and Institutional Buildings

- Wide Input Voltage Range
- Power export limit
- Compact and easy to install
- Wifi/GPRS/LAN communication optional

Range Available

Single Phase - 1kW | 2kW | 3kW | 4kW | 5kW | 6kW

Three Phase - 5kW | 6kW | 8kW | 10kW | 15kW | 20kW | 25kW | 100kW





Amalgam Series

Solar Hybrid Inverter

- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide PV input range
- Battery independent design
- Maximum charging current 100A
- Battery equalization function to optimize battery performance and extend life cycle
- Built-in anti-dust kit



Range Available : 5 kVA | 7.5 kVA | 10 kVA



Sparkle Series

Grid-Feed Inverter with Integrated Energy Storage



Fusion Series

Hybrid Solar Inverter

- Bidirectional Inverter
- Flexibility in Design
- Grid Utilization
- Battery-Less Operation
- IGBT Based Rectifier
- Advanced Multiple DSP
- Supports Multiple Input



Range Available : 5 kVA – 300 kVA

Built-in 100A - 160A Solar Charger

Wide MPPT Range 40-500V

Workable with Generator

BMS

Support Lithium/Lead-acid Battery

27, 28, 45A MAX PV Input

Noise Control Algorithm

DUAL IN OUT

Dual AC In & Dual AC Out*

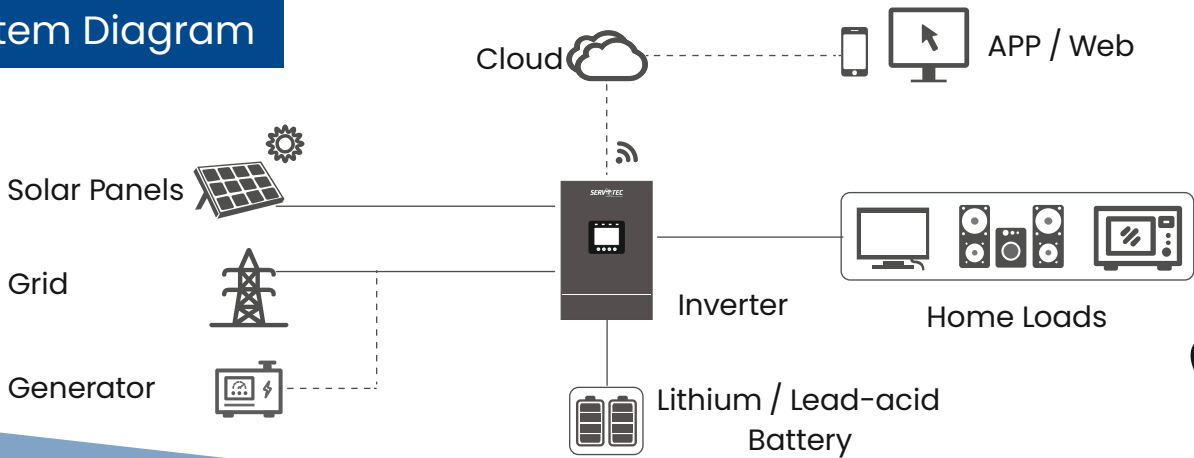
WiFi Monitoring

Feed-in to Grid

Lithium Battery Activation

5 Inch Display

System Diagram



App Enabled



App Enabled

Solar Tubular

Batteries

- PPCP Container
- High Porosity Envelop Separators
- Microporous Ceramic Vent Plug
- High Tensile, Acid Resistant
- Polyester Gauntlet
- Low Resistance Fasteners
- Heavy Duty Terminal

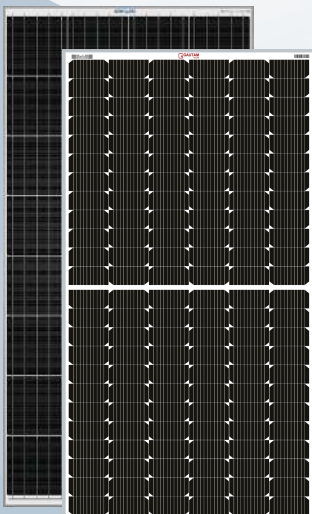


Range Available : 40Ah - 250Ah

Solar Panels

MONO HALF CUT/ MONO PERC

- Upto 21.21% Efficiency
- Round Ribbon for Better Efficiency
- Minimizes Micro Cracks
- M10 Mono PERC Cells
- Works Even in Partial Light
- Reduces BOS & Installation Cost

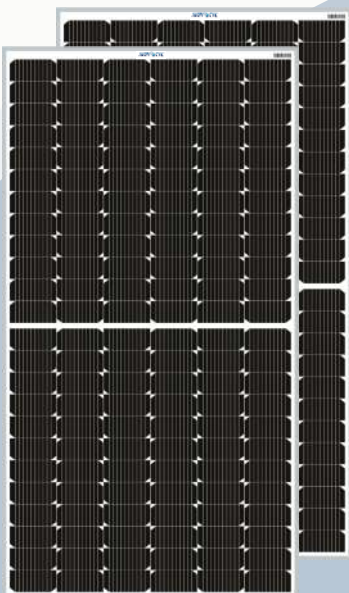


Range Available : 390Wp to 415Wp
Range Available : 445Wp to 590Wp

Solar Panels

TOPCon Series

- TOPCon Series
- Half Cut Cell Design with Multi Bus Bar Technology
- High Power Generation
- Excellent Weak Light Performance
- Lower LCOE & BOS
- Low LID
- Better Mechanical Rigidity
- Enhanced Mechanical Load Capacity
- PID Free Guarantee



Range Available : 670Wp - 700Wp

Servlith Series

Energy Storage Systems



PRODUCT FEATURES



Suitable for photovoltaic energy storage High charge and discharge currents of up to 100A/200A, suitable for solar energy storage systems.



Ultra-long cycling life 5000 battery cycles, with 5-year warranty and designed lifespan of over 10 years.



LCD display Equipped with a display screen with communication ports (CAN/RS485/RS232).



Wall-mountable design Compact design of the energy wall, small size, space-saving.



Multiple protection design Built-in protections against overcharge, over-discharge, over-temperature, over-current, Short-circuit, etc.



Communication friendly Can communicate with different brands of hybrid energy storage Inverters.

APPLICATION



Residential
Rooftops



Commercial
Buildings



Community
Solar Projects



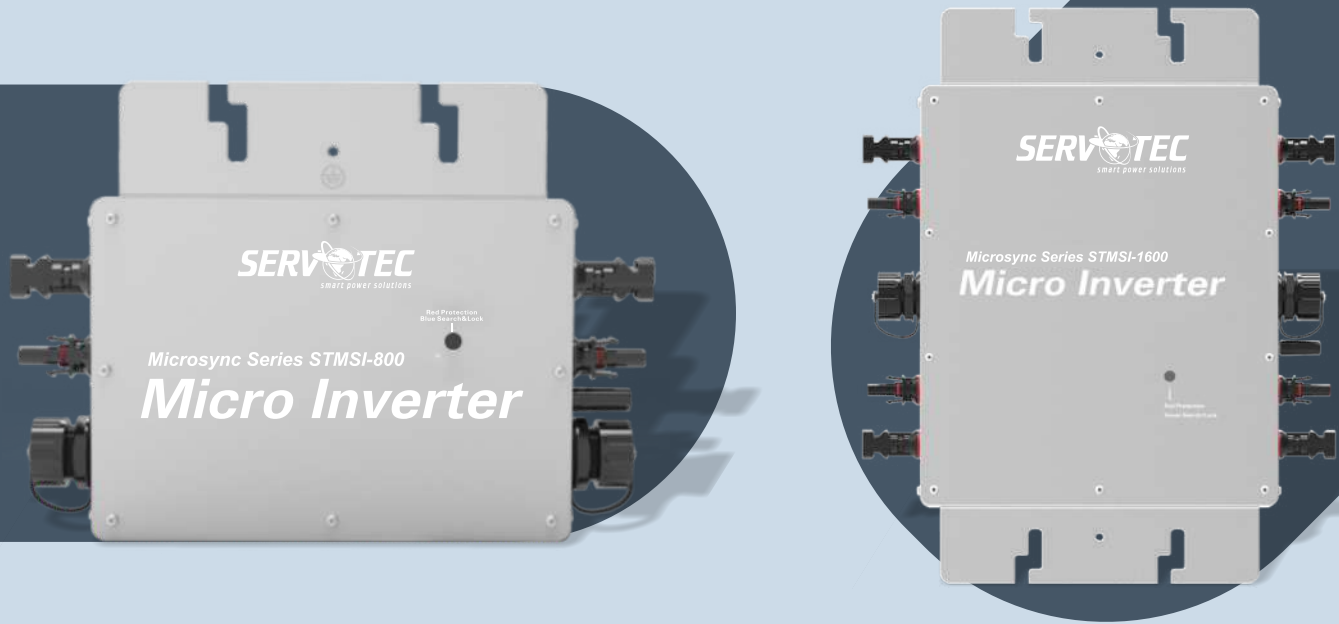
Educational and
Institutional Buildings

Range Available

4.8kW | 100kW

Microsync Series

Micro Inverter



PRODUCT FEATURES



Microsync series PV micro inverters can adapt to a variety of harsh environments, suitable for residential, public applications and factories and ground power stations.



IP65 waterproof rating can effectively prevent the erosion of rain on the surface



High performance Maximum Power Point tracking (MPPT) function, can better track the change of solar luminosity and control different output power, effectively capture and collect sunlight



Safe and Simple Plug and play connection, no professional installation team, more savings in installation costs.



Using advanced forward inverter grid- connected technology, higher output efficiency, conversion efficiency up to 94%.



Excellent low light automatic locking function (APL) makes your PV power plant more efficient (morning, evening, rainy day)



More Energy Combine a micro-inverter with a high-quality panel with adjustable opening brackets to maximize power generation.



Quality Guaranteed In line with the EU regional security certification, the system multiple protection



Residential



Small Scale Commercial Buildings



Hotels and Restaurants



Shops

Range Available

800 W | 1600 W



App Enabled

Sunfarm Series

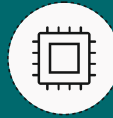
VFD-Solar Pump Controller



PRODUCT FEATURES



Built-in MPPT Solar Charger



Wide DC Voltage Range 150V-400/ 250V-800V



Pump Speed Control



Workable with Generator



System Protection



Simple Installation and easy maintenance



Automatic Operation

APPLICATION



Farm Houses



Agriculture

Range Available

Single Phase - 2.2kW | 4.0KW

Three Phase - 2.2kW | 4.0kW | 5.5kW | 7.5kW | 11kW | 15kW



App Enabled

Servo Stabilizer

Air Cooled & Oil Cooled Servo Stabilizer



PRODUCT FEATURES



Voltage Adjustments with High Efficiency

Under stern instances of imbalanced voltage or current, it produces a fully stable output.



Surge Protector

Equipped with a surge suppressing device to protect electronic equipment against voltage spikes occurring inside the alternating current (AC) utility lines.



Cost-Effective Power

Comes with a rating that ranges between 10KVA to 1000KVA that promises stable power supply at minimal costs.



Adjustable Output Voltage

Engineered with an option to adjust fluctuating voltage outputs, the device helps in reducing the failure rate of electrical equipment.



Improved Operational Life

The device has a long lifespan even when used at full loads in comparison to conventional make servo voltage stabilizers.

Range Available

Capacity from 5 kva to 2500 kva

Servo Smart App

By Servotech



Mobile App

Servo Smart is the all-in-one app designed to monitor, manage, and optimize your Servotech solar solutions. With real-time data tracking, smart diagnostics, and remote control features, the app empowers users to maximize energy efficiency and performance allowing you to stay connected to your system from anytime, anywhere.

Important Features



Specially designed for on grid and hybrid inverters

24X7 Remote monitoring and control

Know about PV voltage, PV output, system efficiency

Get access to daily, monthly, yearly, and total power generation

Get access to details related to the system

Know about energy conservation, savings, investment rate





Sun Plus App

By Servotech

Mobile App

SunPlus App is your ultimate tool for monitoring and managing solar energy systems. This user-friendly app keeps you in control of your solar system anytime, anywhere by providing real-time data on energy production, performance analytics ensuring optimal efficiency.

Important Features



Specially designed for micro inverters

24X7 Remote monitoring and control

Know about PV voltage, PV power, PV current



Get access to daily, monthly, yearly, and total power generation

Get access to details related to the system

Know about solar income, reduction in CO2 emissions and trees planted



SPARK

Servotech AC EV Charger enables connectivity with the vehicle control system and to assure the vehicle's and crew's safety. Furthermore, depending on how busy the grid is, the charger informs the car of the maximum current it can draw at that time. So that the network is not overburdened, the AC charging station regulates charging based on the current capabilities of the house or charging point.

7.2 kW Charger

- Compatible with 4 wheelers
- User authentication through WiFi/GSM/OCPP1.6/RFID
- Input voltage: 230 VAC, 50Hz
- Single Phase

10 kW AC 001 Charger

- Supports BEVC-AC001 Specifications
- Compatible with 2/3 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

11 kW Charger

- Compatible with 4 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

SQUAD

Servotech DC chargers are capable of providing DC power to the car right away. The vehicle does not need to convert DC EV-charging to AC. Because this method eliminates a stage, it can charge an electric vehicle considerably more quickly. Some of the fastest DC chargers can fully charge a vehicle in less than an hour.

60kW | 120kW Charger

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage - 3 Phase
- User Authentication - RFID / QR Code Scan / OCPP 1.6 J
- Connectivity - GSM / Ethernet / WiFi

180kW | 240kW Charger

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage - 3 Phase
- User Authentication - RFID / QR Code Scan / OCPP 1.6 J
- Network Connection - 4G Module / Wifi / Ethernet

360kW Charger

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage - 3 Phase
- User Authentication- RFID / QR Code Scan / OCPP 1.6 J
- Connectivity - GSM / Ethernet / WiFi

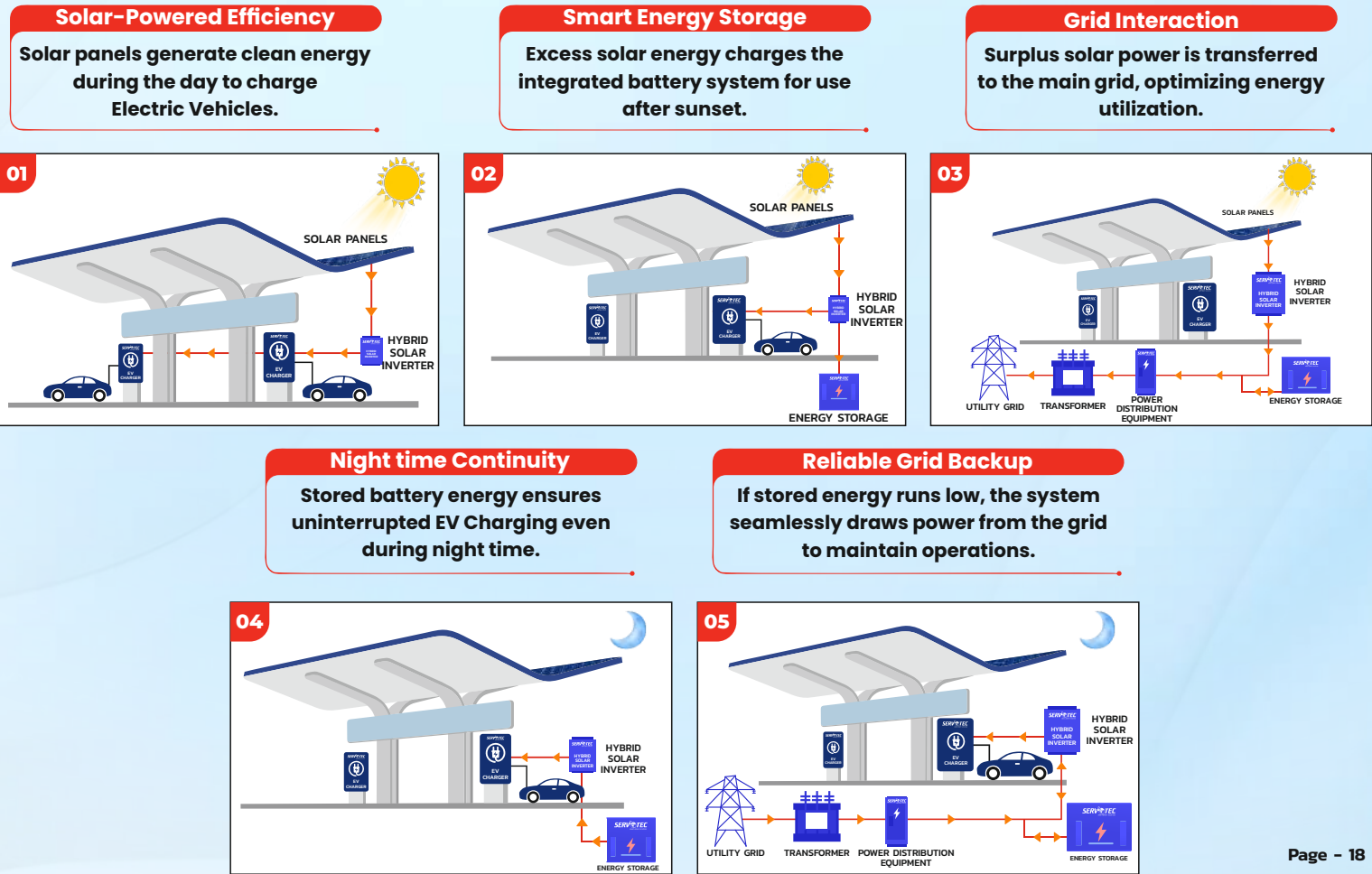
LIQUID COOLED TECHNOLOGY

Solar-Powered EV Charging Stations with Hybrid PV Inverter & BESS

-  **Versatility & Off-Grid Capability**
-  **Grid Support & Stability**
-  **Environmental Impact & Sustainability**
-  **Low Maintenance, Reliability & Resilience**
-  **Improved Charging Capacity & Energy Management**



How does a Hybrid EV Charging Station Work?



Our Esteemed Partners



And Many More...



INDIA'S MOST TRUSTED



रहो रेशन बिना टेंशन...

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