

Creating Innovative Green Solutions



About Servotech Renewable

Servotech Renewable Power System Ltd. (NSE: SERVOTECH) is India’s leading manufacturer of advanced clean energy solutions, specializing in solar Solutions, BESS and EV charging solutions. With a robust pan-India presence, agile manufacturing, and strong R&D capabilities, Servotech is driving India’s transition toward a sustainable, energy-independent, and technologically empowered future. Through continuous innovation, strategic collaborations, and large-scale deployments, the company delivers reliable, high-performance solutions that support the nation’s clean energy goals. Servotech’s comprehensive portfolio spanning solar panels, inverters, Lithium batteries, and EV chargers reflects its commitment to engineering excellence and environmental stewardship. By aligning business growth with global sustainability standards, Servotech stands as a catalyst in shaping India’s green energy transformation and powering a cleaner tomorrow.



Our Mission

To provide 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 focus on Sine wave Inverters, we have continuously expanded and innovated, sustainable future.

mission to revolutionize the renewable energy landscape. From our initial developing a comprehensive suite of cutting-edge solutions that power a



Looking Ahead

Building on our rich history of innovation, Servotech Renewable Power System solutions that meet the evolving needs of our customers and contribute to a

Ltd. remains dedicated to developing cutting-edge renewable energy 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 - 15 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 - 6kW | 8kW | 10kW | 15kW | 20kW | 25kW



Fusion Series

Hybrid Solar Inverter



Sparkle Series

Grid-Feed Inverter with Integrated Energy Storage



APPLICATIONS



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

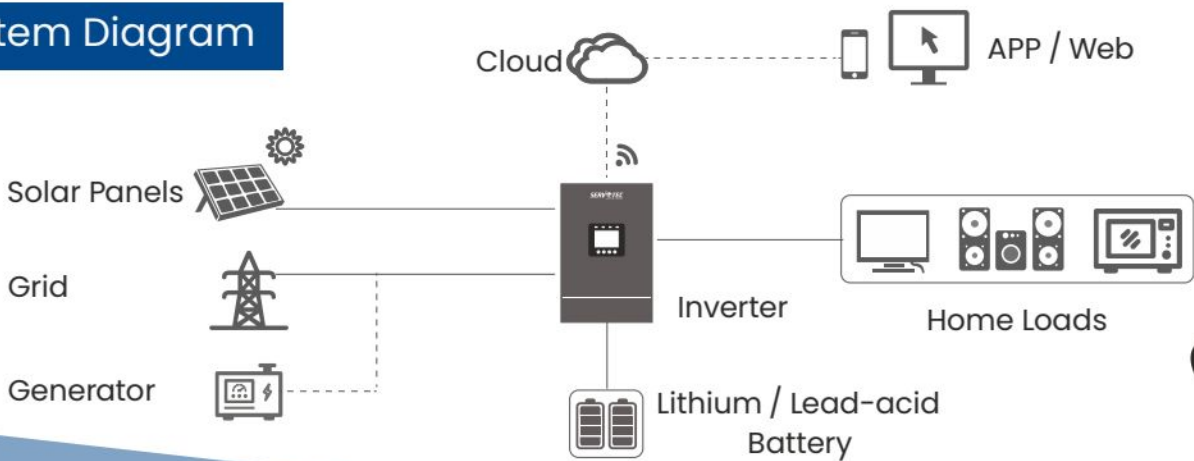
Lithium Battery Activation

5 Inch Display

CORE FEATURES



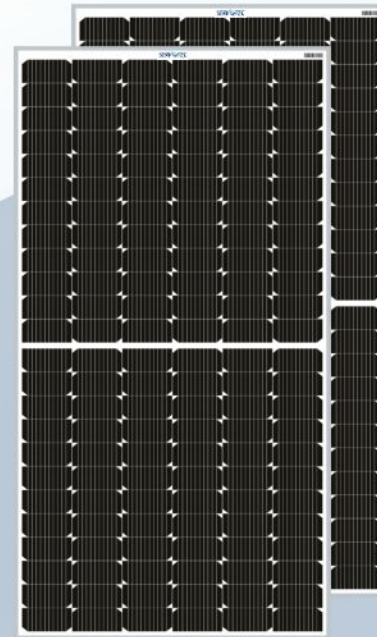
System Diagram



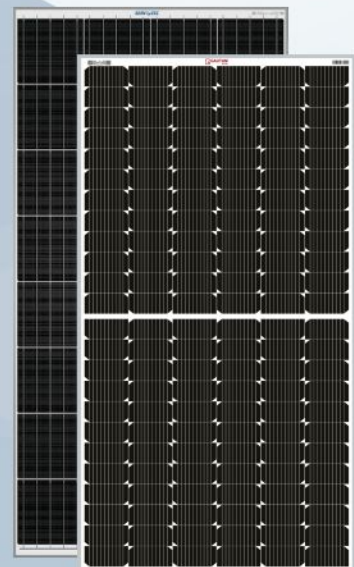
Solar Panels

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



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

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 : 40Ah - 250Ah

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

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 4000 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).
- Multiple protection design Built-in protections against overcharge, over-discharge, over-temperature, over-current, Short-circuit, etc.
- Wall-mountable design Compact design of the energy wall, small size, space-saving.
- 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

1.28kWh, 2.56kWh, 4.8kWh, 5.12kWh

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

Sun Plus App

By Servotech

Mobile App

To provide 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.

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



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



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.

AC Chargers

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.

DC Chargers

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



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?

Solar-Powered Efficiency

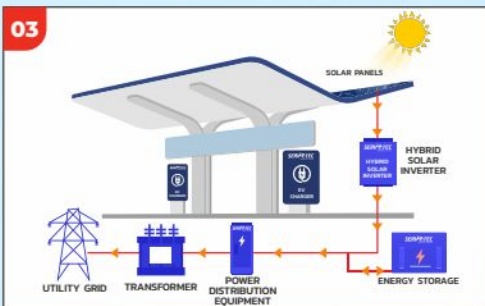
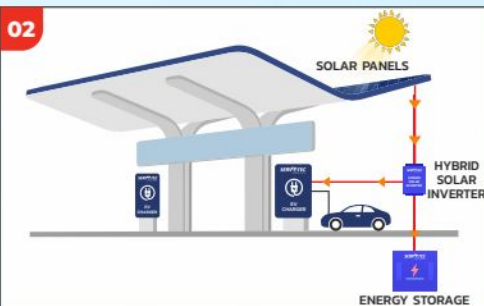
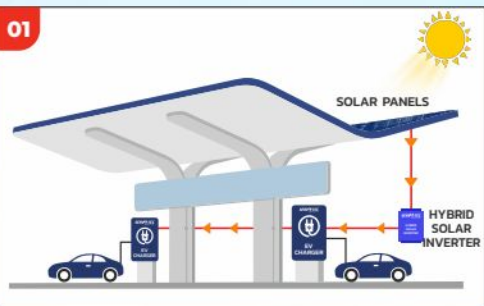
Solar panels generate clean energy during the day to charge Electric Vehicles.

Smart Energy Storage

Excess solar energy charges the integrated battery system for use after sunset.

Grid Interaction

Surplus solar power is transferred to the main grid, optimizing energy utilization.



Night time Continuity

Stored battery energy ensures uninterrupted EV Charging even during night time.

Reliable Grid Backup

If stored energy runs low, the system seamlessly draws power from the grid to maintain operations.

