

INDIA'S LEADING
POWER ELECTRONICS COMPANY



STATCON
ENERGIAA

Inspire + Innovate + Implement

INNOVATIVE INDIAN
POWER CONVERTERS

WIDEST RANGE OF POWER CONVERTERS
MANUFACTURED UNDER ONE ROOF



STATCON ENERGIAA IS A LEADING INDIAN POWER CONVERTER MANUFACTURER



Statcon Energiaa (P) Ltd. is an **ISO 9001, 14001 and 45001 certified Power Electronics Manufacturer** with expertise in designing and manufacturing equipment for static energy conversion, covering a broad spectrum of **power, especially Static Rectifiers & Inverters.**

- **Solar Inverters (1-250kVA)**
- **MW Rectifiers for Hydrogen Production**
- **AC/DC Load Banks upto 4.7 MW**
- **Integrated Power Supply for Railways**
- **Frequency Converters**
- **Industrial Battery Chargers**
- **MW Mobile Rectifier/ Shore Supply rectifiers for Submarines / Naval Dockyards**



37+ years of
operation in
India



Excellence
in RE
Storage
Solutions



Top 10 Most
Promising Energy
Solution Providers
2022



REI Excellence in
E-Mobility &
Storage
Winners 2018



Smarter E-Award
Finalists for our
'Cold Inverter'
Series



REI Innovation
Award for
Telecom DC
HBD Series

OUR OFFICE IS IN NOIDA (DELHI NCR) & WORKS AT PILKHUWA (UTTAR PRADESH), INDIA



Manufacturing Facility of 1,25,000 sqft
built-up area in Pilkhuwa, Hapur
with ~200 dedicated personnel



Corporate Office in Sector 63,
Noida, India

OUR PRODUCTS ARE ALSO CERTIFIED BY THE BUREAU OF INDIAN STANDARDS (BIS)

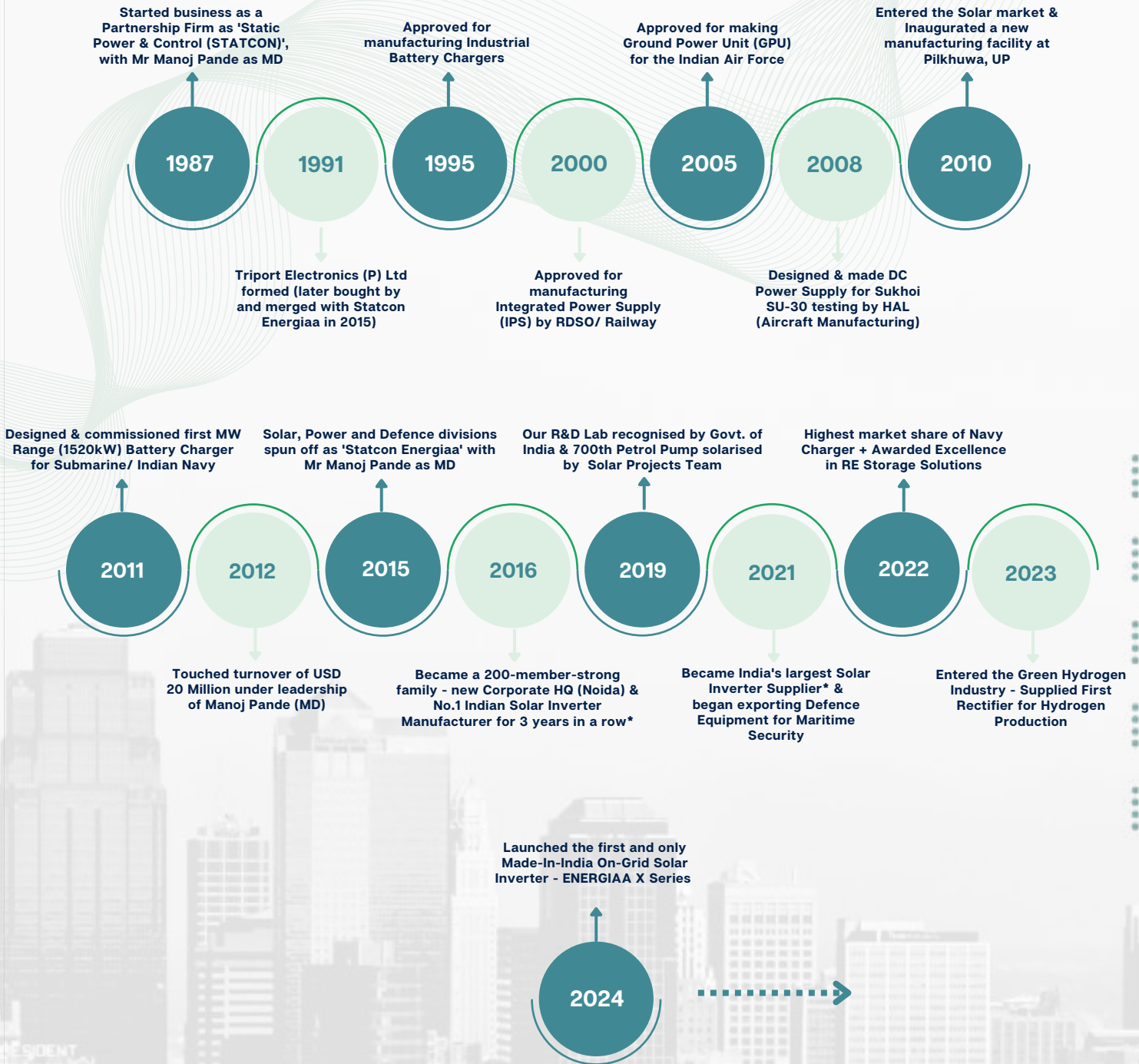


- Our select range of On-Grid and Off-Grid Inverters are now certified by the prestigious Bureau of Indian Standards
- Performance testing and standardisation to confirm the quality and reliability of our product

A glorious history of manufacturing high power industrial and military grade products

Strong, long-standing commitment to Make-in-India

COMPANY HISTORY



THREE FLOORS OF PRODUCTION SPACE SPREAD ACROSS >1,25,000 SQ. FT.



SEPARATE MANUFACTURING, TESTING AND QUALITY CHECK SECTIONS FOR EACH PRODUCT



DEFENCE PRODUCT RANGE



Mobile Rectifier Battery Charger

100kW - 1520kW
Output 200V to 600V DC
upto - 45000amp



Frequency Converters

Static and Rotary frequency converters
Ratings upto 520kva
Frequency- 50/60/400hz



Indoor Rectifier

100 kW - 1600 kW
Output: 550V DC
Current: upto 4500 A



High Power DC Regulated Supply (Aircraft manufacturing & testing)

Rating- 28V/2000A
Twin output with long cables



Ground Power Unit for Aircraft starting and maintenance

Ratings: 40/60/90 kVA
Under use AN-32, SU-30, IL76, MIRAJ, Jaguar, MIG, BIS & similar Aircraft



Mobile AC/DC Load Bank including M-loads

Ratings: 2 kW-4700kW (4.7MW) Resistive/ Inductive with M-Load; 220V DC - 360V DC & 380V AC - 460V AC

POWER SECTOR PRODUCTS



Thyristor-based Industrial Battery Chargers

24V-220V upto 2500A
For all types of Lead Acid & Ni-Cd Batteries



Microprocessor-based Industrial Battery Chargers

24V-220V upto 2500A
For all types of Lead Acid & Ni-Cd Batteries - RS 232/ 485 Port



SMPS-based Modular Battery Chargers

Voltage - 24/48/110/220V
Current - 20-1000 A,
Modular N+1 Configuration



IGBT-Based Advanced PFC Technology Charger

For constant current, constant voltage, and boost-cum-float charging; 24-220V (custom available); Upto 1500A capacity (dual, standby & parallel configuration) RS 485, Modbus, Profibus, CAN; Digital metering, touchscreen option



Renewable Power Supply Systems for Gas Pipelines

Solar Power Solutions for Gas & Oil Pipeline Stations comprising:
Grid Chargers (25A-850A)
+
Advanced Solar Charge Controllers (50A-500A)
+
Scalable Battery Systems (24V-220V)
Suitable for use with Ni-Cd/ Lead Acid/ Li-ion Batteries



DC Distribution Boards

24 - 220V
Compartmentalised & Non-Compartmentalised + BHMS



Battery Monitoring System for all types of Lead-Acid & Ni-Cd - 48/110/220 V DC; Automatic 24x7 real-time monitoring of all cells; HMI with touch-screen; RS 485/ RS 232 or TCP/IP protocol

SOLAR PRODUCTS



On-Grid Solar Inverter (BIS Approved)

3 kw & 5.5 kw - Used in homes or small businesses, they synchronise with the utility grid, feeding excess power back for credit or offsetting consumption



1 & 3 Phase Hybrid MPPT Solar PCUs

1-250 kVA; for residential & commercial to large industrial applications; compatible with all popular battery technologies



1-Phase MPPT Solar PCUs

1-20 kVA; for residential, commercial & industrial purposes; compatible with all popular battery technologies



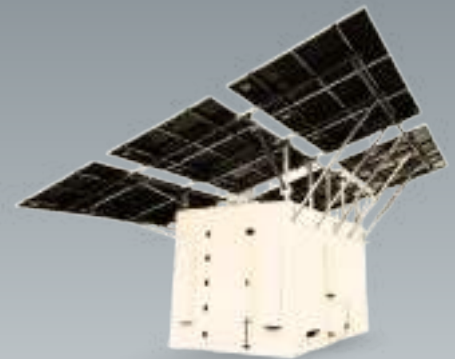
Heavy-Duty IP55 Integrated PCUs

Plug-n-Play Outdoor solution made for microgrids & minigrids - Built-in AJB, ACDB, DCDB, DG connection, Mains, Load



Energy Storage Systems (ESS)

3-15 kVA; solar compatible, occupies minimal space, expandable, Plug-n-Play with Li-Ion battery and long cables



Solar Container BESS Solutions

Integrated Inverter Solution in IP55 for outdoor/remote applications

RAILWAY SECTOR PRODUCTS

RDSO APPROVED FOR IPS, LC GATE IPS & SMPS CHARGER SYSTEM



Integrated Power Supply (IPS) For Railway Signal Application

Customised product with battery bank; Provides multiple isolated AC & DC output



LC Gate IPS with solar energy integration

Integrated unit with solar energy-Delivers multiple AC & DC Output



48V SMPS Charger System

available up-to 48V/800A
Input : 90V-300V
Industrial grade design with no derating



Maximum Power Point Tracking (MPPT)

For Railway Coaches

HIGH POWER RECTIFIERS FOR GREEN HYDROGEN PRODUCTION



Statcon Energiaa's High-Power Rectifiers are designed for high-voltage and high-current industrial downstream applications like Electroplating and Hydrogen Production.

Our Military-Grade power electronics assure long operability, minimal maintenance, and cutting-edge technology. We offer efficient and reliable DC Power Supplies for industrial water electrolysis.



320V, 4500A Rectifier (Indoor Type)

Optimised to rectify:

- A.** Input Side Power quality (including Harmonics and PF), and
- B.** Output Side DC Power quality (in terms of the stability, regulation (both against Line and Load variations) and output AC ripples in DC voltage).

These products are also designed in a modular fashion that can be extended to meet high ratings demand up to 550V, 6000A in a single unit, and then parallelly extendable along such units.



2x558kW Rectifiers Containerised - 3600A/ 155V - Commissioned at NTPC, Leh Green Hydrogen Mobility Pilot Project (Forced Air-Cooled; Outdoor Container Type)

Our Hydrogen Rectifier commissioned and running successfully at NTPC, Leh site



4.7 MW AC LOAD BANK

**SUPPLIED INDIA'S LARGEST LOAD BANK FOR DIVING
SUPPORT VEHICLE APPLICATION TO HSL,
VISHAKHAPATNAM**



1.5 MW AC DC LOAD BANK TROLLEY-MOUNTED OUTDOOR TYPE

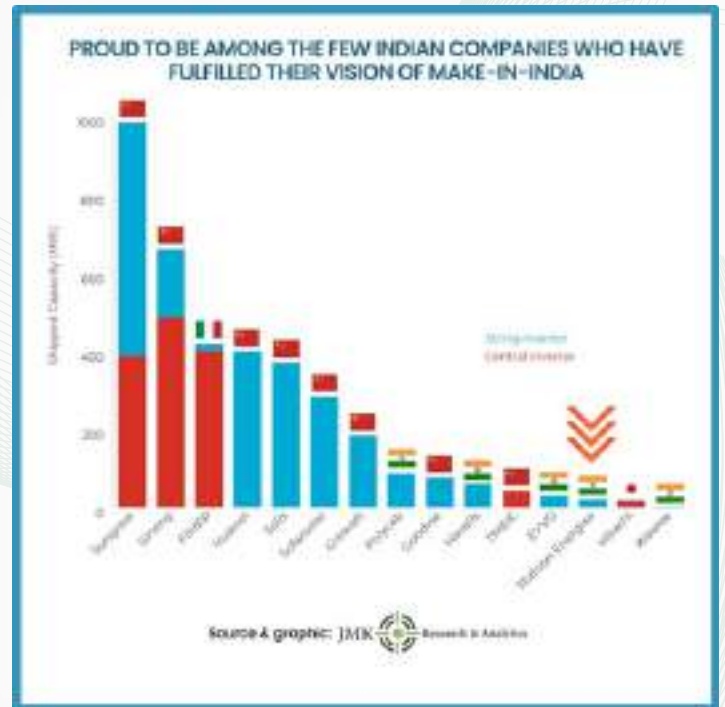


1.5 MW AC DC LOAD BANK

DISPATCHING MW LOAD BANK AT OUR FACTORY



LANDMARK PROJECTS & RECENT RECOGNITIONS



- Battery Chargers for submarines: 4500 A Rating
- Smart Grid Inverters with selectable battery discharge
- Ground Power Units of 90KVA for AN-32 Aircraft
- Grid-Synchronised inverter for Hydro Turbines up to 100KW
- Cold Storage Solar inverter at 550 VDC with PLC coupled VFDs
- No.1 Ranked Indian Solar Manufacturing Company in 2015, 3rd in 2016 and 3rd in 2017, 1st again in 2018 & 2019 by Bridge to India
- Ranked No.1 in 2021-22 among battery based Solar Inverter Manufacturer by JMK research and 'Bridge to India'
- India's Largest AC load bank at 4.7 MW

IN THE BATTERY-SOLAR INVERTER RANGE, WE ARE INDIA'S NO.1 MANUFACTURING COMPANY



Intersolar Europe 2018
Finalists in SMARTER E AWARD for Solar Cold Storage Solutions



..and many more..

MAJOR CLIENTELE

Our esteemed clientele for Defence Products includes the Govt. of India, the Govt of Nepal, the Govt of Uganda, the Govt. of Myanmar, and the Govt of Seychelles:



OUR EPC BUSINESS PARTNERS



TRUSTED BY THE LEADING POWER COMPANIES



APPROVED WITH LEADING CONSULTANTS



... AND THE INFRASTRUCTURE INDUSTRIES



APPROVED WITH LEADING CONSULTANTS

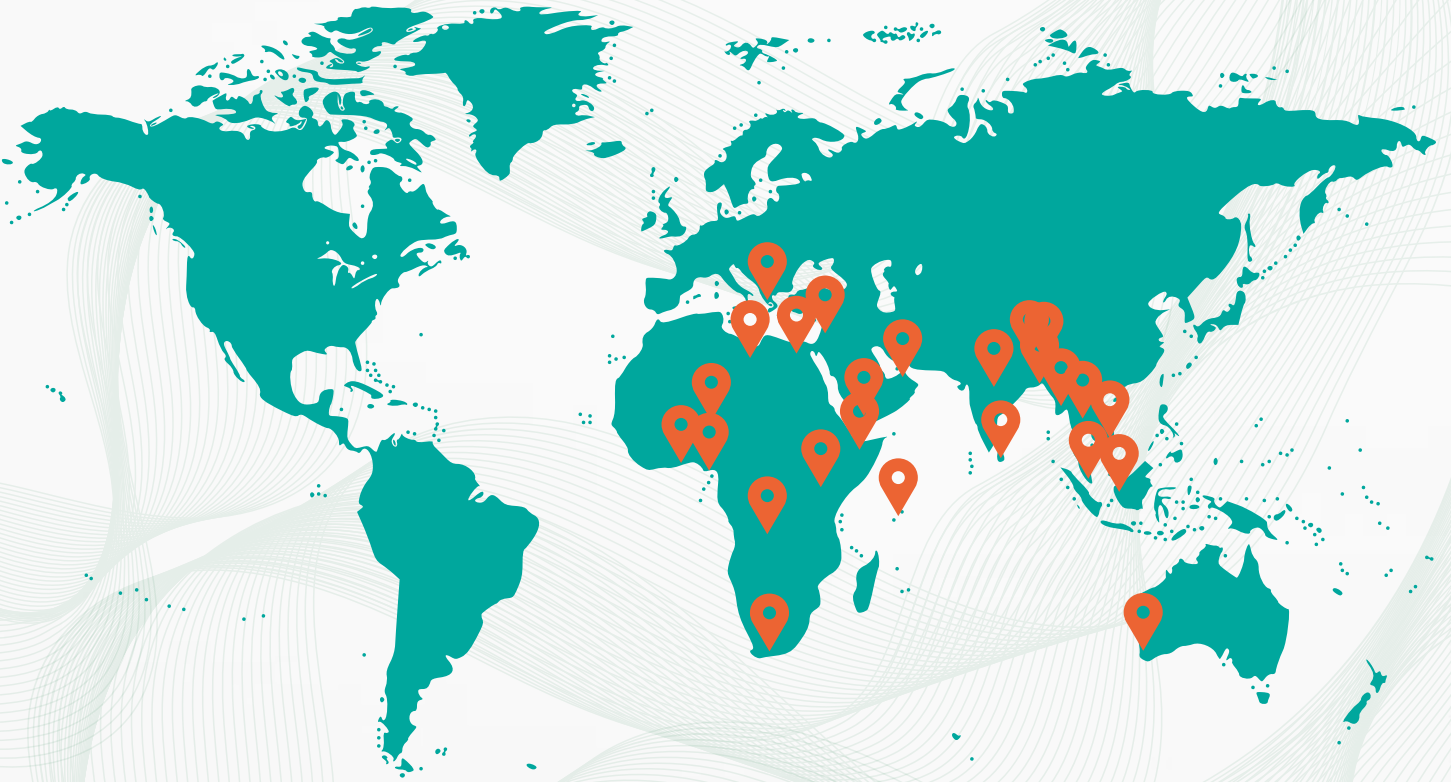


MAJOR CLIENTELE OF OUR SOLAR AND HYDROGEN PRODUCTS



...AND 100s OF CHANNEL PARTNERS!

MADE IN INDIA - FOR THE WORLD



FOR ENQUIRIES, PLEASE REACH OUT TO US

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