



STATCON ENERGIAA

Inspire • Innovate • Implement

MEETING POWER SUPPLY NEEDS
OF DEFENCE SECTOR



MOBILE RECTIFIER/ BATTERY CHARGER

Statcon Energiaa offers cutting-edge Thyristor-controlled Mobile Rectifiers and Chargers. Engineered with SCR-controlled bridges and advanced control circuits, these chargers redefine high-power charging. Meticulously designed for robustness, they stand out as the epitome of durability, making them indispensable for critical applications such as Submarine Battery Charging and charging all kinds of high-capacity batteries.

Station Energiaa's chargers have built-in features like self-start, CC / CV modes, overload protection, and more.

100KW TO 1500KW

Voltages in 200V to 600V DC

**Higher ratings available on request*



STATIONARY BATTERY CHARGER

Experience next-level innovation with our Battery Chargers, offering a diverse range of voltage options: 24V, 48V, 110V, 220V, 380V, and 550V. Versatility meets convenience as these chargers can be seamlessly integrated into Free Standing Panels, Mobile Trolleys, or container-type structures, ensuring adaptability to your unique requirements. Whether opting for our advanced Thyristor Controlled Chargers for conventional charging or exploring the cutting-edge SMPS Charger System in N+1 configuration for 24V, 48V, 110V, and 220V DC applications, our solutions redefine power management.

Unlock additional features for specialized needs, including automatic Float/Boost mode, constant current constant voltage mode, Cell Monitoring, Monitoring ports, and more. Elevate your charging experience with our state-of-the-art battery charging solutions, where innovation meets efficiency.

100KW TO 1500KW



AC/ DC LOAD BANKS FOR SHIP/ DG SET

Introducing our customisable AC/DC Load Banks, available in a range of voltages and frequencies to suit your specific requirements. Crafted with specially designed stainless steel resistance grids, these load banks offer precision-controlled step selection through a PLC-based command system. Monitoring and controlling the Power Factor is seamlessly integrated for enhanced efficiency.

For DC applications, our dynamic DC loads are expertly designed for battery discharging and various other applications, equipped with features such as Ah monitoring and Cell Monitoring. Choose from Panel-Type construction, Trolley-Mounted platforms, or Container-Type enclosures tailored to your demand. Elevate your power testing and management with our versatile and efficient load bank solutions.

2KW to 4700KW
(4.7MW)



India's Largest AC Load Bank, running at HSL @ 4.7MW Single Unit for Diving Support Vessel (DSV)

GROUND POWER UNITS FOR THE INDIAN AIR FORCE

Statcon Energiaa proudly stands as the exclusive global developer of a dedicated GPU for the AN-32 aircraft fleet, a breakthrough solution supplied to the Indian Defence Forces, as well as government bodies in Uganda, Seychelles, and Nepal. Our Self-Driven Unit ensures seamless operation in challenging field conditions. We have supplied both Electric Vehicle-driven and Tractor-Towable options to the IAF.

As an approved source by the Indian Air Force (IAF), Statcon provides the entire GPU range, catering to Miraj, Jaguar, SU-30 MKI, MIGs, and an extensive helicopter fleet. Our 28V DC GPU, powering aircraft, is currently running successfully at HAL KANPUR.



0-70V DC FOR SHARA-800 START 28V DC FOR APU START

AC / DC GPU UPTO 180KVA

11.2 KW & 28V DC

FREQUENCY CONVERTERS

Discover precision in power with our Frequency Converter, available in 50Hz, 60Hz, and 400Hz options. Engineered to deliver a stable AC supply, it excels in applications with demanding load requirements.

Choose adaptability with versatile housing options, including wheel-mounted trolleys, container types, or specialised panels.

Elevate your power solutions with a Frequency Converter that ensures reliability and performance under diverse conditions.



RFC Ratings: 10kVA to 1000kVA

SFC Ratings: 2 kVA TO 200kVA

HIGH POWER DC-REGULATED SUPPLY

Unleash precision and stability with our meticulously crafted power supplies, ideal for aircraft testing, tank manufacturing maintenance, radar testing, labs, and more.

Engineered for reliability, these supplies offer well-regulated performance. Choose from Free-Standing Panels, wheel-mounted trolleys, or container-type constructions for versatile deployment in various applications.



CURRENT RANGE: 100A TO 1500A CONTINUOUS

VOLTAGE RANGE: 24V/ 28V/ 48V/ 200V/ 400V



Factory/ Manufacturing Facility measuring 1,25,000 Sq Ft built-up area in Pilkhuwa (UP) near Delhi

A trusted brand in Power Electronics for 35+ years, Statcon Energiaa designs and manufactures high-power converters for the Defence sector. We make customised products for a variety of critical Defence applications like Electrical Testing, Naval Dockyard applications, Ground Support Equipment for Aircraft, and much more. The designing, manufacturing and testing facilities of all of our products are 100% Indian and every step is done in-house.

We also offer..

- Renewable Energy based solutions for Energy requirement in remote areas (HAA) of Himalayas, India
- Dedicated, customised Ground Power Supplies for 415/230V AC 50/60Hz, 400Hz for Radar, 28/48V DC for Radar/ Avionics, Battery charging for small power packs to Tank Batteries, high power surge capabilities of DC Supply for Artillery/ Tanks
- Plug-N-Play Solar Container Solutions for remote sites requiring 24x7 reliable power + Storage-based solution with distributed solution for forward areas
- Utility Supplies using alternate/ renewable energy-based fuels for installations in Microgrid architecture for 24x7 power using Solar, Wind, Biofuel & Green Hydrogen

..and much more!

- MW Rectifiers for Green Hydrogen Electrolysis
- Integrated Power Supply for Railways Signalling and Telecom, Level Crossing Gate IPS
- Industrial Battery Chargers, Distribution Boards, Rectifiers, Battery Monitoring Systems, DC-DC Converters, Integrated Inverter+Battery Solutions
- MPPT-based Solar Inverters, Solar Container Solutions and IP55 Heavyduty Outdoor Microgrid Inverters



Major Defence Clientele:

Govt. of India, Govt of Myanmar, Govt of Uganda, Govt. of Nepal & Govt of Seychelles



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