

INDIA'S LARGEST SOLAR  
INVERTER MANUFACTURER



# STATCON ENERGIAA

Inspire ♦ Innovate ♦ Implement

WE BUILD THE HEART OF YOUR SOLAR PLANT



GRID-TIED, OFF-GRID & HYBRID SOLAR INVERTERS  
Li+ENERGY STORAGE SYSTEMS | BESS SOLAR CONTAINERS



## BULLET SERIES MPPT SOLAR PCU

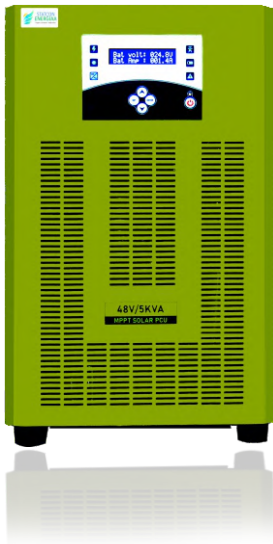
### Uses every drop of solar

**Bullet 3024** is our most compact and feature-filled inverter series designed to run all the heavy household loads. 'Bullet', as it is called, charges your batteries at a lightning-fast speed from both Grid and PV. This PCU is smart and made to last against daily misuse. With a rugged and aesthetic all-metal shell, Bullet 3024 PCU sustains ~50% more loads than any other competing household inverter.



#### BULLET 3024

- Runs 1 HP Pump + ALL Household loads\*
- Quick Battery Charging from Solar/Grid: upto 65A/ 18A
- Also works for non-Solar home applications
- 'LOADS' OF SMARTNESS: Multiple modes of operation, reduced grid consumption, PV-generation data stored
- High-quality IGBT-based MPPT design
- Can connect to PV Modules upto 2000w - Poly/ Mono/ Mono-Perc
- Compact, no-plastic, all-metal shell for toughness & long life
- Energiaa's **\*Gold Standard\*** solar technology



UPCOMING SEOG SERIES  
3-PHASE RATINGS

## SEOG SERIES MPPT SOLAR PCU (1-PHASE)

### The Heavyduty Soldier of Solar Inverters

Built for harsh weather conditions, our MPPT-based PCU uses smart management of solar power, grid supply and battery. This allows it to deliver power seamlessly for all electrical applications.

Result: High-performance delivered without interruption, especially in the harsh Indian climate.

1 KVA/24V

1-6 KVA/48V

5-7.5 KVA/96V

10-15 KVA/  
120V

15-20  
KVA/240V

- Maximum power extraction under all Conditions (High efficiency MPPT)
- Biggest-in-class LED display
- Faster RoI (Return on Investment)
- Advanced DSP controller- high performance for real-time signal processing
- Tough and resilient - Industrial-grade design
- Energiaa's **Gold Standard** solar technology

BIS  
APPROVED\*



Residences



Petrol Pumps



Schools



Hotels



Small Offices



Rural Micro Grids

NEW

## ENERGIAA-X SERIES GRID-TIED SOLAR PCU

# ENERGIAA X

### Crafted for Sustainable Indian Living

Experience the **Energiaa X** Grid-Tied solar inverter series, proudly designed and made in India by Statcon Energiaa. Engineered with precision and packed with advanced features, this inverter ensures optimal performance and reliability. From its low current distortion factor to its robust anti-islanding feature, each aspect is designed to maximise efficiency and safety. With an advanced MPPT algorithm and wide range voltage support, it optimises the solar energy harvest and adapts to varying conditions seamlessly.

Compact, lightweight, and easy to install, it's the perfect solution for sustainable energy generation! Plus, with **data stored securely** on Indian servers, you can trust its privacy and security.

3kW

5kW



Residences



Shops



Small Clinics



Gyms



Small Offices



\*Select ratings

# ENERGY STORAGE SYSTEM (Li+ ESS)

## The 'Drawing-Room' Solar that runs your AC

Energiaa's ESS Series - Pegasus Li+ and Sphinx Li+, are our powerful premier segment systems for Solar-based Energy Storage. These are designed to support heavy household appliances as well as fit within the aesthetic styling of your house. A perfect combination of our in-house robust **Hybrid Inverter** with an energy pack of up to 36 kWh of Li+ battery.

Result - Enough punch to run your 1.5T air conditioner for long hours\*

3KVA/ 3.6 - 7.2 KWH

5KVA/ 7.2 - 10.8 KWH

10KVA/ 10.8 - 14.4 KWH

15KVA/ 14.4 - 25.2 KWH



- Sleek, attractive '**Drawing-Room**' product - fits in less space
- Plug-and-Play solution, Faster charging
- Ideal for harsh Indian weather
- Stores solar power for future self-consumption
- Add Solar when required

- Runs your AC for long hours
- Vertically extendable battery capacity - no extra floor space needed even in future



Residences



Bank ATM



Shops



Clinics



Gyms



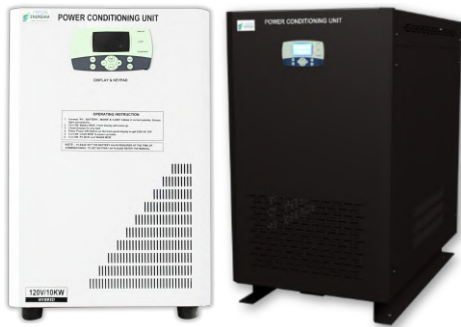
Small Offices

# HBD SERIES HYBRID MPPT PCU (1-PHASE)

## True Hybrid 'Bi-Directional' Technology

Our Single-Phase Hybrid MPPT PCU's '**Active Front-End Technology**' facilitates storing renewable energy in the battery, exporting excess solar power to the grid. Our Hybrid PCUs are **Behind-the-Meter** enabled.

Result - More savings by consumers and more battery life. Statcon Energiaa deploys the real Hybrid bi-directional technology, and not just 'off-grid'.



1-6 KVA/48V

5-7.5 KVA/96V

10-15 KVA/120V

15-40 KVA/240V

30-40 KVA/360V

- IoT-ready smart inverter
- Li+ battery compatible
- 100% utilisation of solar
- Tailor-made for every user load
- Excess power export to grid
- MPPT-based technology
- BESS solution-ready
- Scheduling features for load-shifting



Office Buildings



Mini Grids



Telecom BTS



Railway Signaling



Cold Storage



Process Industries

Applications

# HBD SERIES HYBRID MPPT PCU (3-PHASE)

## Made for Power-Hungry Solar Applications

Built for large-sized industrial/commercial units requiring enormous and reliable power. Withstands hard Indian weather conditions. This MPPT-based attractive PCU delivers power seamlessly for large-scale applications. Multiple colours/designs are available as per technical specifications and user needs.

Result - Seamless, powerful performance delivered for hospitals, offices, telecom BTS' Railway signalling, cold storage, factories, large establishments and more

10-50 KVA

50-150 KVA

150-200 KVA

200-250 KVA



- Ideal for huge energy requirements
- Energiaa's **\*Gold Standard\*** solar technology
- **Active Front-End technology**, more battery life
- Maximum solar power extraction under all conditions (High-efficiency MPPT)
- Tough and Resilient - Industrial-grade design
- Battery charging according to Time-of-Day
- Controlled scheduling via keypad or PLC
- BESS Solution - peak load shaving/levelling
- Exports excess power to the grid
- Can be **AC coupled** with String Inverters
- Compatible with Wind, Hydro and Biomass
- Seamless DG set synchronisation



Office Building



Mini Grids



Telecom BTS



Railway Signaling



Cold Storage



Process Industries

Note: Product specifications are subject to change due to technological innovation



A trusted brand in Power Electronics for 36 years, Statcon Energiaa makes the largest range of Solar Inverters and Energy Storage Systems in India (1-250 kVA). Our solar inverters are known for top-class quality, robustness, feature-richness and high performance. What you get is seamless power experience!

## The Energiaa Advantage

Our PCUs handle heavy loads (>100% of labelled Wattage)



Store energy for anytime-use and seamless experience



With in-house top quality design and manufacturing



Own transformer manufacturing - most durable in the market



 **Join the fastest growing Solar Channel Network today!**



Excellence in RE Storage Solutions - 2022 @ REI Expo



Top 10 Most Promising Energy Solution Providers 2022



REI Innovation Award for Telecom DC HBD Series



'Smarter E-Award Finalists for Cold Inverter Series



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