

# **WE BUILD THE HEART OF YOUR SOLAR POWER SYSTEM**



**MPPT SOLAR PCUs | HYBRID SOLAR PCUs | Li+  
ENERGY STORAGE SYSTEMS | SOLAR PANELS**





## BULLET SERIES MPPT SOLAR PCU

### Uses every drop of solar

The Bullet 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 PCU sustains ~50% more loads than other competing household inverters.

BULLET 3024



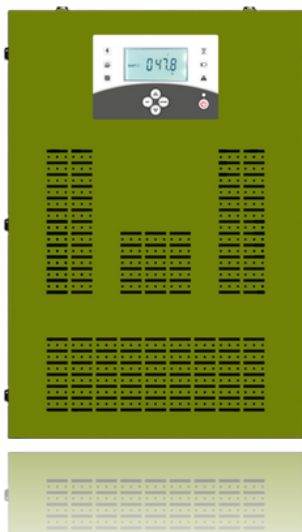
- Runs 1 HP Pump + ALL Household loads
- Quick Battery Charging from Solar/Grid: upto 65A/ 18A
- Also works for non-Solar home applications
- 'LOADS' OF SMARTNESS: Multiple modes of operation, reduced grid consumption, PV-generation data stored
- High-quality IGBT-based MPPT design
- Can connect to PV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

## 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.



UPCOMING SEOG SERIES  
3-PHASE RATINGS

ENQUIRE FOR  
DETAILS

1 KVA/24V

1-7.5 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 Rol (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



Residences



Petrol Pumps



Schools



Hotels



Rural Micro Grids



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' facilities 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. Energiaa deploys the real Hybrid bi-directional technology, and not just 'off-grid'.

1-10 KVA/48V

5-7.5 KVA/96V

8-15 KVA/120V

15-50 KVA/240V

40-50 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

## 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 KWH

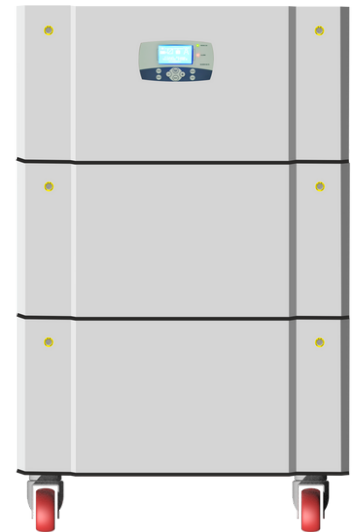
5KVA/ 7.2KWH

10 KVA/  
10.8 KWH

10 KVA/  
14.4 KWH

15 KVA/ 18-25.2  
KWH

15 KVA/28.8-36  
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 (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 35 years, we build the widest range of storage-based Solar Inverters and Energy Storage Systems in India (1-250 kVA). We make world-class, durable products that provide a seamless power experience - both battery-based power converters and Solar. Our R&D Lab is recognised by the Department of Scientific and Industrial Research, Govt of India.

## 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



**2,00,000 kW**  
of solar inverters supplied



We export top class solar inverters to a global market

## Join the fastest growing Solar Channel Network!



Excellence in RE  
Storage Solutions -  
2022



Top 10 Most  
Promising Energy  
Solution Providers 2022



REI Innovation Award  
for Telecom DC  
HBD Series



'Smarter E-Award  
Finalists for Cold Inverter  
Series



For Distributorship Enquiries: +91 9821396428, Toll Free No. 1800-891-3319, Landline: 0120-4088600



B-81, Sector 63, Noida, Uttar Pradesh 201307

Email: [info@energiaa.in](mailto:info@energiaa.in)

Web: [www.energiaa.in](http://www.energiaa.in)

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