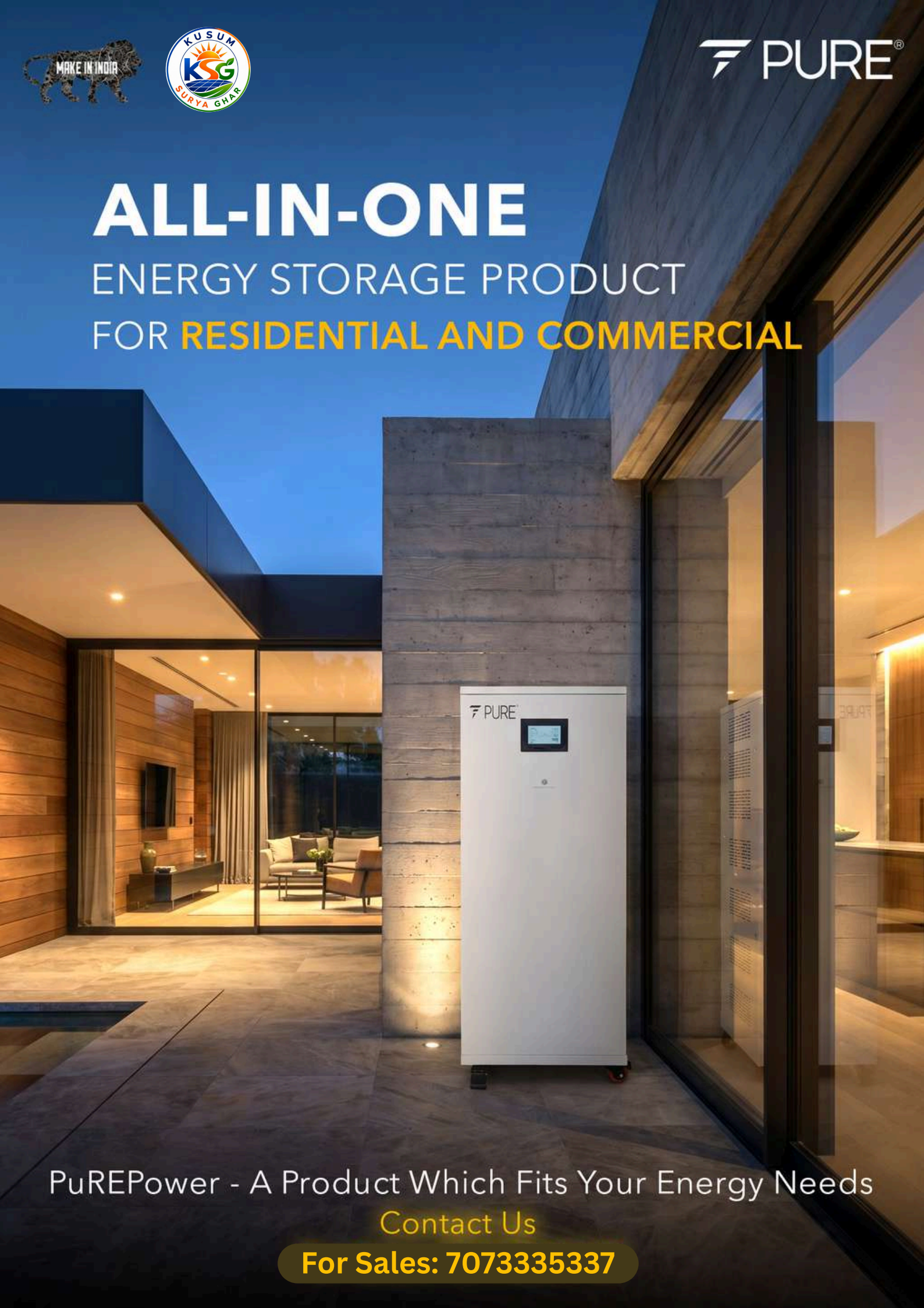

MAKE IN INDIA
KUSUM
KSG
SURYA GHAR
PURE®
ALL-IN-ONE
ENERGY STORAGE PRODUCT
FOR RESIDENTIAL AND COMMERCIAL
PURE
PuREPower - A Product Which Fits Your Energy Needs
Contact Us
For Sales: 7073335337

The Smart Energy Product
It's time to switch to PuREPower All-in-One

Uninterrupted Power

Reliable backup power during outages to keep you home or business running without interruption

Surge Load Support

Easily power lifts, air conditioners, geysers, and heavy appliances with confidence

Smart Solar Utilization

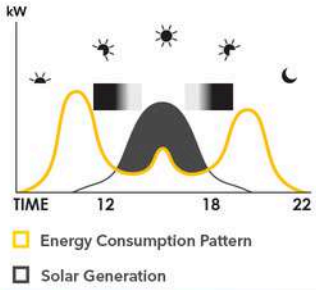
Maximize self-consumption of solar energy to reduce electricity bills and avoid peak tariffs

Compact & Elegant Design

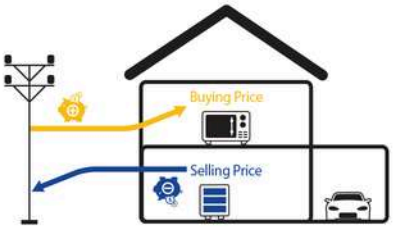
Blends seamlessly with modern interiors while occupying minimal wall space

Enhanced Grid Independence ↑
Decreased Electricity Cost ↓

Energy Consumption Pattern



Electricity Price Trend





Benefits of PuREPower
Never worry about the Power going out.

From Rural to Urban settings, Outages are always unpredictable and cause disruptions

PuREPower will supply your appliances with stored energy during these power failures and can run all loads including Lift, AC, Kitchen Appliances, Geyser etc

Harvest Energy and Increase Savings

PuREPower stores excess solar energy during the day for use at night, enabling 24/7 clean power and reducing reliance on the grid/DG.
Its intelligent system also supports cost-saving by storing energy when it's cheaper and supplying it when rates peak, helping homes move towards energy self-sufficiency.

Zero Hassle and Easy Maintenance

PuREPower is designed for ZERO maintenance, offering a seamless and reliable power solution. Its fully automated system operates silently in the background, requiring no manual intervention for daily use.

Power at Your Fingertips

Manage and control your energy use in real-time with the mobile app.
You can monitor your solar generation, battery power flow, and consumption in real-time from anywhere.



Optimized capacity and PCS

All-in-One Product Series

Every home or commerical unit has different energy needs – whether you live in an apartment or a large villa or operate a restaurant there's a PuREPower product perfectly sized for you.

With capacities from 3 kWh/kVA to 30 kWh/kVA, it can be used anytime, day or night and whenever you need **IT THE MOST**.

Integrable with your rooftop solar, it's easy to install and auto-sync with ToD/ToU.

With PuREPower, 1000s of homes and commercial units across India have become sustainable and energy independent.

WHAT ABOUT YOU?



PuREPower 3.0 Lite

PuREPower Home 3.0 Lite is a next-generation modular Li-ion battery system designed to bring industrial-grade energy storage to your doorstep. Supporting a robust 2kWh/3kVA capacity, this advanced product is the ultimate powerhouse for homeowners seeking a smart, reliable, and space-saving power backup.



SINGLE PHASE

Engineered with Smart AI, the system guarantees high thermal stability, superior safety, and an efficiency leve l exceeding 97%. With a 12-year design life-cycle, PuREPower Home 3.0 Lite ensures durable and long-term performance.

Air conditioner 1 Ton



Cooler | Refrigerator | Geyser | Mixer

Fans | TV | Lights | +Other Appliances

Items		Specifications
		Nominal power - 3000 W
AC Input	Selectable Voltage Range	190 - 260 VAC
DC Output (PV)	Surge Power	6000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	5000 W
	MPP Range @ Operating Voltage	90 - 450 VDC
Battery	Nominal Voltage	24 V
	Battery Capacity	2 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	152 x 375 x 640
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Wall-mounted
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	30 kg
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 3.0

PuREPower Home 3.0 is a modular advanced Li-ion battery energy storage system designed for residential applications, supporting a capacity of 3 kWh/KVA.

Engineered with Smart AI, it offers high thermal stability,long cycle life, and superior safety. With a efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Home ensures long-term performance with minimal maintenance.



SINGLE PHASE

Air conditioner (1.5 Ton)



TV | Lights | Fans | Air Cooler | Refrigerator

+Other Appliances

Items		Spec.
		Nominal power - 3000 VA/3000 W
DC Input (PV)	Selectable Voltage Range	550 V
DC Output (PV)	Surge Power	6000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	6500 W
Battery	Nominal Voltage	48 V
	Battery Capacity	3 kWH
Protection	Anti-islanding Protection,AC Over Current Protection,Output short circuit,Overload Protection,Battery voltage too low,Tem perature too high,IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	728x362x155
	Cooling concept	Nano PCM (for battery)
	Installation Style	Wall-mounted
	Warranty	Standard Warranty: 5 years + Extended Warranty: 12 yearsv
	Net Weight (kg)	30 kg
	Communication Interface	BMS, Dry-contact,CAN,Bluetooth,Wifi,AI Cloud

PuREPower 5.0

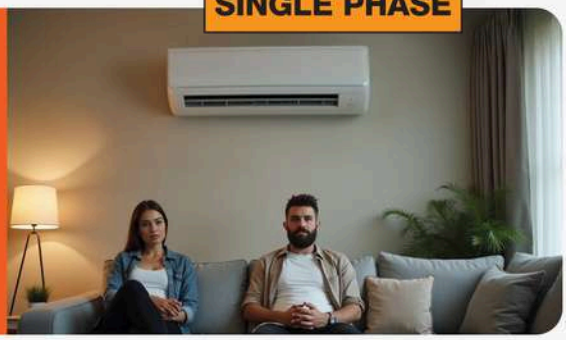
PuREPower Home 5.0 is a compact high-performance Li-ion battery energy storage product perfect for the average household in India, with capacity of 5 kWh/KVA.

Engineered with Smart AI, embedded with nano-PCM, long cycle life, and superior safety. With a round-trip efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Home 5.0 ensures back-up to all the essential appliances.



SINGLE PHASE

Air conditioner
2 Ton



Cooler | Refrigerator | Geyser | Mixer

Fans | TV | Lights | +Other Appliances

Items		Specifications
		Nominal power - 5000 VA/5000 W
AC Input	Selectable Voltage Range	210 - 250 VAC
DC Output (PV)	Surge Power	11000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	6500 W
	MPP Range @ Operating Voltage	90~ 450VDC
Battery	Nominal Voltage	48 V
	Battery Capacity	5 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	773x382x155
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Wall-mounted
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	45.0 ± 2.0 kg
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 12.0

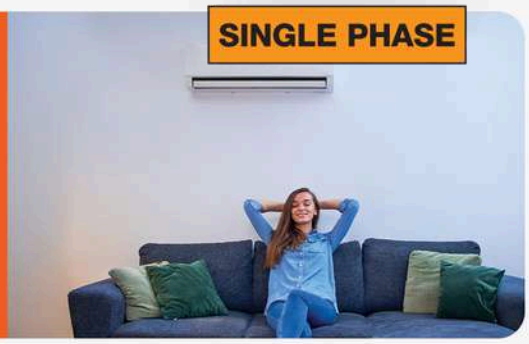
PuREPower Home12.0 is an Elegant Power on wall with high-performance Li-ion battery energy storage product and most suited for high-end Flats/Villas, with capacity of 12 kWh/kVA.

Engineered with Smart AI, embedded with nano-PCM, long cycle life, and superior safety. With a round-trip efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Home 12.0 ensures back-up to all the high-surge loads.



SINGLE PHASE

Air conditioner x2



Mixer | Micro oven | Geyser | Refrigerator

Lights | Fans | TV | +Other Appliances

THREE PHASE

Items		Specifications
		Nominal power - 12,000 VA/12,000 W
AC Input	Selectable Voltage Range	210 - 250 VAC
DC Output (PV)	Surge Power	22000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	5500 W*2
	MPP Range @ Operating Voltage	90~ 450VDC
Battery	Battery Capacity	12 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	1190x550x155
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Wall-mounted
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	82.0 ± 2.0 kg
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 15.0 LITE

PuREPower Home 15.0 Lite is India's most Compact Three-Phase All-In-One Li-ion battery energy storage product and the best suited for Large Villas & Independent houses, with capacity of 12 kWh/KVA.

Engineered with Smart AI, embedded with nano-PCM, Three-Phase power-supply, and Movable (Castor wheels included). With a round-trip efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Home 15.0 Lite ensures back-up to virtually every load one can have in large houses.



THREE PHASE







Items		Specifications
		Nominal power - 15000 VA/15000 W
AC Input	Selectable Voltage Range	380 - 440 VAC
DC Output (PV)	Surge Power	24000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	3 X 8500 W
	MPP Range @ Operating Voltage	60~450VDC
Battery	Battery Capacity	12 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP54	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	510 x 524 x 1131
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Floor standing
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	150 Kgs
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 20.0

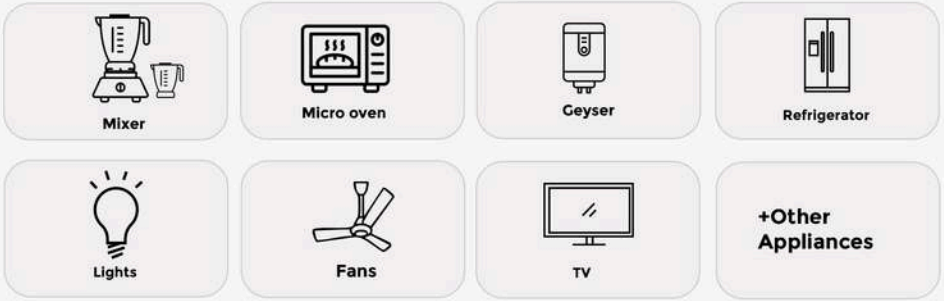
PuREPower Home 20.0 is India's most Compact Three-Phase All-In-One Li-ion battery energy storage product and the best suited for Large Villas & Independent houses, with capacity of 20 kWh/KVA.

Engineered with Smart AI, embedded with nano-PCM, Three-Phase power-supply, and Movable (Castor wheels included). With a round-trip efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Home 20.0 ensures back-up to virtually every load one can have in large houses.



THREE PHASE





Items		Specifications
		Nominal power - 20000 VA/20000 W
AC Input	Selectable Voltage Range	380 - 440 VAC
DC Output (PV)	Surge Power	36000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	3 X 8500 W
	MPP Range @ Operating Voltage	90~ 450VDC
Battery	Battery Capacity	20 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	490 x 540 x 1325
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Floor standing
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	210 ± 2.0 kg
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 30.0

PuREPower Commercial 30.0 is the industry's most robust Three-Phase All-In-One Li-ion battery energy storage product, engineered for high-end luxury estates and light commercial enterprises with a Industrial - grade capacity of 30 kWh/kVA.

Engineered with Smart AI, embedded with nano-PCM, Three-Phase power-supply, and movable(Castor wheels included). With a round-trip efficiency exceeding 97% and a design with a life-cycle of 12 years, PuREPower Commercial 30.0 ensures back-up to virtually every load one can have in large houses.









Items		Specifications
		Nominal power - 30000 VA/30000 W
AC Input	Selectable Voltage Range	382 - 440 VAC
DC Output (PV)	Surge Power	60000 VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	6 X 5500 W
	MPP Range @ Operating Voltage	90 - 450 VDC
Battery	Battery Capacity	30 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	635 x 815 x 1525
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Floor standing
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	345 ± 5 Kgs
	Communication Interface	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud

PuREPower 60.0

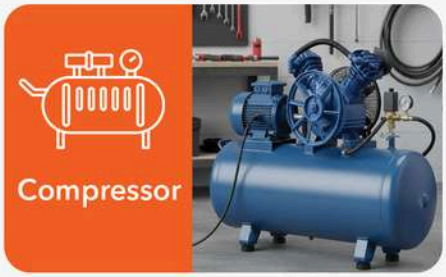
PuREPower Commercial 60.0 represents the next generation of industry's most robust Three-Phase All-In-One Li-ion battery energy storage product. Boasting a massive 60 kWh/kVA industrial-grade capacity, this product is built for large-scale commercial facilities and light industrial plants."

Engineered with Smart AI, embedded with nano- PCM, Three-Phase power-supply, and movable (Castor wheels included). With a round-trip efficiency exceeding 94% and a design with a life-cycle of 12 years, PuREPower Commercial 60.0 ensures back-up to virtually every load one can have at large commercial places.











Items		Specifications
		Nominal power - 60000 W
AC Input	Selectable Voltage Range	380 - 440 VAC
DC Output (PV)	Surge Power	120000VA
	Transfer Time	10 ms
Solar Charger & AC Charger	Maximum PV Array Power	12 x 5500W
	MPP Range @ Operating Voltage	90 ~ 450 VDC
Battery	Battery Capacity	60 kWh
Protection	Anti-islanding Protection, AC Over Current Protection, Output short circuit, Overload Protection, Battery voltage too low, Temperature too high, IP65	All Protection are Integrated
General Data	Dimension, W x D x H (mm)	820 x 1155 x 1450
	Cooling concept	Advanced Nano PCM combined with forced convection
	Installation Style	Floor standing
	Warranty	5 years (Extended Warranty-12 years)
	Net Weight	690 ± 5 kgs
	Communication Interface	BMS, CAN, Bluetooth, Wi-Fi, AI Cloud, Dry-Contact

PURE® | CLEAN SMART SUSTAINABLE

PuREPower 120.0

ENGINEERED TO REPLACE YOUR ENTIRE POWER ROOM.

PuREPower 120.0 is India's first all-in-one Battery Energy Storage System (BESS) for the commercial and industrial sector. It intelligently integrates battery storage, power conversion, thermal management and control systems in a single, compact cabinet — delivering clean, reliable and cost-efficient power for a sustainable future.

With advanced AI-enabled energy management, high efficiency and robust safety architecture, PuREPower 120.0 helps businesses reduce diesel dependence, lower energy costs and achieve their net-zero goals.



120 kWh Li-ion Storage | **180 kVA** Surge Power | **180 kW** Hybrid Solar 24 MPPTs | **3-Phase** Rated Output

"Replace the DG. Retire the clutter. Run clean, silent, solar-smart power."

BUILT FOR C&I

Powering a wide range of industries and applications



Data Centres | Hospitals | Hotels | Malls / Retail | Factories & MSME | Cold Storage | EV Charging Hubs | Commercial Towers

Items	Specifications
Model	Octane 120.0 (3P/3P)
Rated power	120 kW (120,000 W)
Input voltage	3 × 415 VAC (range 380 – 440 VAC)
Frequency	50/60 Hz auto-sensing
Surge power	180 kVA
Peak efficiency	~94%
Switching modes	On-grid / Off-grid / Hybrid (optional)
Transfer time	7 ms
Waveform	Pure sine wave
Solar charger	MPPT : 24 MPPTs – up to 180 kW hybrid solar
Max PV open-circuit voltage	450 VDC
Battery	Lithium-ion – 120 kWh – 48V nominal – 28 modules
Protection	5th-Gen BMS, DC breaker, anti-islanding, OCP, overload, short-circuit, temp-IP54
Dimensions (W × D × H)	1270 × 1830 × 3050 mm – floor-standing
Cooling	Advanced Nano-PCM + forced convection
Noise	< 50 dB
Operating temperature	-10°C to 60°C
Connectivity	BMS, Dry-contact, CAN, Bluetooth, Wi-Fi, AI Cloud
Warranty	5 years standard (up to 12 years extended)
Net weight	1300 ± 10 kg

WHY PuREPower 120.0?

- **Clean Energy** — Reduce diesel use and lower carbon footprint
- **Lower Operational Cost** — Maximise solar usage and energy efficiency
- **Compact & Integrated** — Replaces multiple equipment in a single cabinet
- **Safe & Reliable** — Advanced protection and thermal management
- **Smart & Connected** — AI-enabled monitoring and remote management
- **Future-Ready** — Scalable, sustainable and built for a greener tomorrow

www.pureenergy.co.in

~94% Efficient | 7 ms Transfer Time | <50 dB Silent Operation | IP54 Rugged Design | 5–12 Years Warranty

Contact Us For Sales: 7073335337

PuREPower Applications

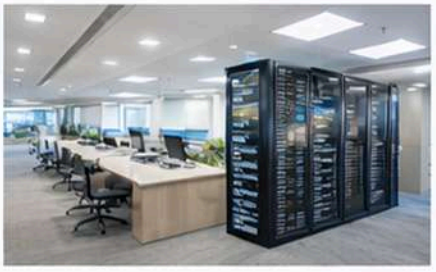
Residential Apartment (G+5)

- Two Lifts + Common Area Loads
- Water Sump Motors
- Lights, Fans & TV (10 flats)
- Security, Fire, Alarm & CCTV DVR



Office Space

- Centralized AC (One Floor)
- Two Lifts
- Server Rack
- Desktops, Printers & Scanners



MSMEs

- Machines (15 HP)
- Compressors 7.5 HP
- Freight Lift – 5 HP
- Lighting, Exhaust & Computers



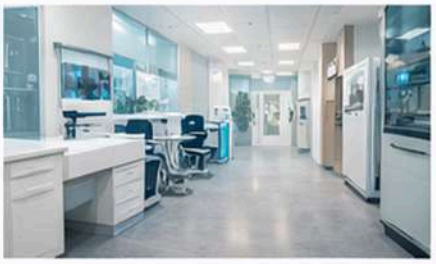
Restaurants

- Electric & Convection Ovens
- Water Pumps & Purification
- Refrigerators & Cold Rooms
- Dishwashers & Exhaust Fans



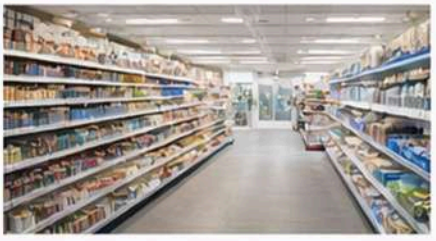
Clinic Centres

- Patient Monitoring Systems
- Patient Elevator
- IT, Billing & CCTV
- Medical Refrigeration



Super Marts

- Freezers & Chillers
- Lighting & Central AC
- POS Billing Counters
- Back-end Compressors



Fuel Stations

- 16 - 24 Fuel Filling Guns
- Office & Station Lighting
- Air Compressors/ Inflators
- CCTV, POS & Billing



Why PuREPower?





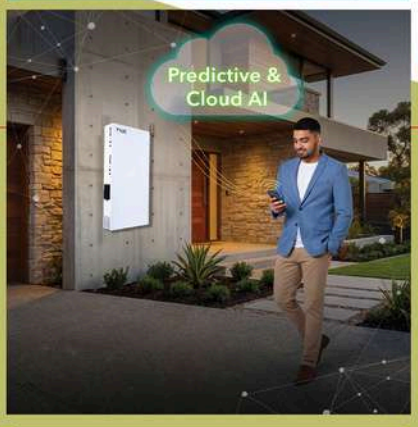


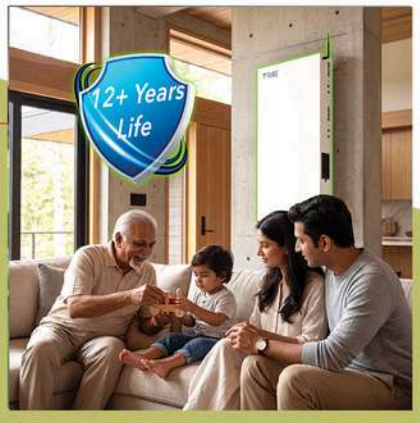












मानकः पथप्रदर्शकः

BIS : IS 16169, IS 16221

IEC

IEC : 62116, IEC 62109

ENERGY IS LIFE
BEE
CONSERVE IT

BEE : IS 17980, IEC 62891



About us

PUR Energy Limited (PURE), founded in 2018, incubated out of I-TIC IIT Hyderabad, is a leading Indian company in the field of Battery Energy Storage Systems (BESS). With a mission rooted in "Power Using Renewable Energy", PURE has pioneered All-In-One Energy Storage Solutions under the brand PuREPower, combining cutting-edge battery technology, 5th generation power electronics, solar-hybrid integration, and AI-driven energy management

As a research-led engineering company, PURE adopts advanced AI capabilities to optimize system performance, remote monitoring, and grid interaction for both residential and commercial applications.

PURE's energy storage portfolio spans residential, commercial, and grid-scale solutions, tailored for Indian conditions and power needs. The company is actively expanding into international markets, including North America, the Middle East, and select African and South Asian regions, positioning itself as a global player in sustainable energy storage.

PURE®

KUSUM KSG SURYA GHAR

Eligible for PM Surya Ghar Subsidy

Compatible with TOPCon Solar Modules

Grid Export | ToD | ToU Ready

BIS : IS 16169, IS 16221

IEC : 62116, IEC 62109

BEE : IS 17980, IEC 62891

Contact Us For Sales +91 7073335337

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GSTIN/UIN: 08AALFT7702M1ZM

Email: Kusumsuryagharllp@gmail.com

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