



Inspiration Towards Renewable Energy

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PRODUCTS



POWER BACKUP

On line UPS,
Home inverter,
Petrol pump inverter
&
Battery charger

BATTERIES

VRLA maintenance
free battery,
Gel battery,
Exide Tubular Battery
&
Lithium
Ion batteries

ENERGY EFFICIENT

LED Street Lights,
High Bay, Flood Lamps,
BLDC Fans
(230 Ac & 12V Dc based)
48 V DC
Solar System

SOLAR

Solar Power Plant
(Grid tied & Off Grid),
Solar Street Lights
(stand alone, All in one &
2 in 1 type),
Solar Water Heater,
Solar PCU &
Solar Modules

ACCESSORIES

Solar Cables,
ACDB & DCDB,
MC4 &
Branch Connectors,
Structure &
Battery Trolley.



Solar Power Plant



Grid Tied system generates power, feed the load directly & excess power will be exported to grid (through Net Metering). EB/DG reference power required. No battery needed. Suitable for day time loads, where backup is not essential.
OFF Grid system generates power, feed the load & excess power will be stored in the battery. It has solar & Grid priority options. Suitable for day & night time loads and reduces DG operation. No noise, air pollution & manual intervention required.

Application : Residential, Villas, Commercial Establishment, Hospital, Schools & College, Petrol Pump, etc.

LED Street Light



LED street lights are two types, Ac (230 V) based type & Solar based. LED street light will function at less power, more brightness & more life (50000 hrs.). Thus reduce the overheads for the organizations.
Solar Street light : It is an independent lighting source without any manual intervention. During the day time, the battery will charge through sunlight, after sunset the light will switch "ON" automatically and switch "OFF" once the sun rises. No external cable, suitable for any location.

Three types of Solar street lights available

1.Stand-alone : Conventional model with 3 days autonomy using tubular / SMF battery, panel & light with charge controller & D2D.

2.All in One (AIO) : The panel, light & lithium-ion battery with a motion sensor are integrated with a single unit.

3.Two in One (TIO) : This is similar to AIO, but the Solar panel will be separate.

Note: We can also offer Hybrid based (Grid & Solar) based street light (custom based)

Solar Water Heater



One of the best & cost-effective products in Solar with the ROI < 1 year.

- a.) FPC & ETC types are available. ETC is less maintenance and more efficient.
- b.) Pressurised and Non Pressurised models are available
- c.) Custom based solutions provided for Industrial application (like boiler, canteen, steam-based heating production application)

Application : Hotels, Hospitals, Hostels, Canteen, Rice Mills & Industries

Inverter, UPS & Battery



- a.) HUPS 850 VA to 5 KVA
- b.) High capacity inverters 5 KVA – 100 KVA
- c.) On line UPS 0.5 KVA – 500 KVA
- d.) 2V, & 12V battery (SMF, Tubular & Gel)
- e.) Inverter battery, 2 & 12 V VRLA maintenance free battery.
- f.) 2 & 12 V Solar Gel battery, Solar Tubular battery etc.

Application : Home PC, Office, Medical equipment, Processing units, mission critical applications etc

Energy Efficient Products:



BLDC Fan: Brush Less DC (BLDC) motor bases fans are highly energy efficient with remote (speed control & timer) & w/o remote operation. The power consumption ranges from 5-30 Watts based on the speed level. 40% saving compared with conventional fans. The advantages of energy-efficient products are more delivery at less power, optimize the cable thickness, inverter capacity (overall power demand), enhance the battery life, better backup time, optimize the overall solar power plant size & investment. The product comes with 5 years warranty.

LED Lights: LED lights will give more illumination at less power compared to conventional type lights. The life of the product is >50000 hrs. The products available are suitable for interior and exterior applications without any major modification on the existing setup. Flood lamp, High bay light, High mast light, 2x2 indoor light, canopy light, etc. Special products available for industrial applications with extended warranty

Accessories



1. Solar PCU : 600 V to 40 KW. 1 & 3 ph (above 15 KW) model. PWM & MPPT Technology, LCD display, transformer based with Grid / Solar priority option.
2. Grid tied inverter : 1 – 100 KW Transformer less, high efficiency & reliable product. Reputed brand with after sales support from OEM
3. PV modules – Tier 1 modules range from 100 – 375 wp with 5 bus bar type.
4. Structure – GI & Aluminium based structures
5. MC4, branch connectors, Solar cables, ACDB & DCDB
6. After sales & service, Preventive Maintenance & Annual Maintenance contract (AMC), consultancy.



ASSOCIATED BRANDS

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	 HAVELLS	 Your Energy Partner	
	 emPOWERing solutions	 SOLAR WATER HEATERS	 Powering the Nation
 YOUR SOLAR ENGINE	 powering tomorrow		 Wires & Cables
 LIFE UNINTERRUPTED	 HOME UPS SHORT DOUBLE PLASTIC CONTAINER	 Powering Business Worldwide	

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