



DG ENERGYTECH

www.dgenergytech.com

BRING THE LIGHT OF FUTURE



PARAS

- > Paras LED Lights
- > Solar Energy Products
- > Chemical Earthing
- > Energy Saving Solutions



Expert in Energy Saving Solutions....

DG ENGERGYTECH is a fast growing NCR based company manufacturing high quality energy saving and environment friendly LED Lights, Solar Products, Chemical Earthing with the application of latest technology.

Our continuous research and development has enabled us to customize the customer's specific requirement. Our Company Strongly believes in its core values, work culture and customer delight.

Our world class Energy saving products comes under the brand name **"PARAS"**

The proof of our products excellence lies in the fact that 60% of its business comes from repeat orders, which indicates high customer satisfaction. The company has an enviable distinction in retaining the clients by providing prompt after sales services.

Our company has various certifications like **ISO, ONICRA, NSIC, SSI & MNRE Channel Partner approval.**

"Invest once get ROI from day one" and share energy saved with your neighbours.

A Humble Appeal to our valuable customer is to permit us to evaluate your Energy requirements.

ENERGY SAVING LED LIGHTING SOLUTION

DG ENERGYTECH presents a complete range of LED Lighting system.

These lightings are available for multiple purposes like indoor lightings, street lights, Industrial lights, domestic lights, office lights, farm houses & park lights etc.



PARAS LED Street Lights

- Extremely low wattage solution to replace existing halide lamps.
- Long life, maintenance free & environment friendly.
- Robust LED driver with built in protection features.
- Weather proof IP-65 fixtures.
- Available in various power rating 9w-165w
- Constant luminous output from 100V-280V.

Advantages of LED Lights

Energy Saving upto 80%

Long Life >50,000 Hours

No Fluctuations, No Dimming

Easily Repairable

Eco Friendly



PARAS LED Flood/Bay Lights

Bay lights provide an efficient alternative to replace high power consuming mercury lamps/sodium lamps. DG ENERGYTECH provides Bay lights starting from 20W up to 160W with very high luminous flux (as high as 130 Lumens per LED).



PARAS LED High Mast Lights

We manufacture and supply a wide range of LED bay and LED high mast lights. Our 165W high mast LED light replaces normal 800W light. Our high mast LED light are maximum energy saving and way easy to install. This fixture is regularly mounted at 60 feet to more than 100 feet above ground level and occasionally as high as 150 ft.

Application of High Mast LED Lighting



Security Lighting



Stadium



Treatment Plant



Parking Area



Airports



Railway Station



Malls



Highways & Expressways/flyovers

PARAS

INDOOR LIGHTS

DG ENERGYTECH presents exclusive range of down lights, panel lights, tube lights, bulbs & strips LED lights in different colors for the purpose of indoor office & household lightings, beautifully designed to provide a world class look to you premises in an eco friendly & energy efficient way.

All accessories are available like aluminium PDC Housing and metal core PCB's for down light street light & bulbs.

PARAS LED Decorative, Bulb & Down Lights



Track Light



Spike Light



Walkover Light



LED Bollard Light



LED Flexible Strip



Down Light



Glory Down Light



Surface Mounted Light



Round or Sq. Panel Light



1x4 LED Light



LED Tube Light



Fire Proof Light



2x2 Flat Light



LED Bulb



Night Bulb



COB Down Light

Our Products



Solar Power Plant

DG ENERGYTECH provides solar energy based home lighting systems which are ideal for domestic/ industrial purpose. The system provides power back-up upto 4-6 hours on full load with a warranty of 2 years of complete systems. The best part of solar plant is that during the day time, you can use solar generated power up to plant capacity after that it simultaneously provides back up stored in battery for the night use, Solar energy solutions are available in the range of 1KW-500KW with fixed type mountings as well as with solar tracking systems.

Solar Street Lighting System

Solar street lighting are latest technology based lighting system which work solely on solar energy. The energy from sun is converted into electrical energy by highly efficient solar panels and the electrical energy is stored in batteries to provide backup for lighting system. The lighting system can be industrial as well as domestic. The main advantage of using solar based lighting systems is getting rid of hefty amounts of electricity bills which is getting costlier day by day.



Solar Car Parking

DG ENERGYTECH is giving an excellent idea for using parking area to generate solar energy. This energy can be used to light the parking, bay area and street light of company. At the same time the cars parked under the structure of solar panels remain cool. Supermarkets, hospitals and number of other facilities use both for car parking and Energy generation.

SOLAR STREET LIGHT SPECIFICATIONS

Load	18W	12W
Solar PV Wattage	100Wp	75Wp
Vmax	21V	17V
Solar Battery	75Ah	60Ah
Type of Battery	Low maintenance lead acid	

APPLICATIONS OF SOLAR ENERGY BASED EQUIPMENTS

Residential / Farm House	Hotel & Resorts
Hospital / Malls	Industrial
Educational Institutions	National Highways



Solar Hybrid Inverter

DG ENERGYTECH is premium manufacturer of 'SOLARIUM' the solar hybrid sinewave inverter for domestic & industrial purpose up to a load of 0.5KVA-50 KVA, Solarium is hybrid solar inverter which automatically gives performance to solar energy and switch over to A.C. power in the night (if required) thus giving a two way energy source to the batteries. Each part of the inverter is manufactured with utmost expertise, to meet the expectation of customers for year to come.

Charge Controllers

Solar charge controllers prevent over charging of batteries. This will improve battery performance & increase battery life. Three basic function of solar charge controller are:

- To limit the voltage from solar panel and regulate the same so as not to over charge the battery.
 - Not to allow the battery to get in to deep discharge mode while DC load are used.
 - To allow different DC loads to be used not required supply appropriate voltage.
- Main function is to regulate the amount of charge coming from the panel that flow in to battery bank in order to avoid the batteries being over charged.



Solar Lantern

Solar Lanterns are new technology based portable lights which are highly energy efficient and consume very small amount of power. They comprise of high flux LED's mobile chargers & A.C. chargers for alternate charging options. The main feature of this light is that once it is fully charged, it gives the power backup up to 20 hours.

Mini Solar System

These products are suitable for remote/rural areas where scarcity of power is seen. This system is ready to install and provide backup up to 8 hours. This consists of fans, Lights and battery which work solely on solar energy.



Our Prestigious Clients



DG ENERGYTECH

(An ISO 9001 : 2008 Certified Company)

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