

DUDWA POWER INDUSTRIES
A COMPLETE POWER SOLUTION COMPANY

ABOUT US



Establishment in 1993, Incorporated on 2008 and in Operation for more than 2 Decades Now.

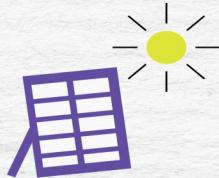


...We Expertise Right from the Design, Supply, Installation, Monitoring and post Sales Service in Solar Technology and Innovative Manufacturer in Application of Outdoor LED Lighting Solutions.



MSME Registered Organization and Channel Partner of MNRE

PRODUCTS & SERVICES



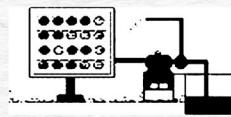
EPC OF SOLAR POWER
PLANT



STREET LIGHT &
OUTDOOR LED LIGHT



SOLAR WATER
HEATER



SOLAR PUMP



OPERATION &
MAINTENANCE

CERTIFIED & COMPILED



ROOF TOP SOLAR POWER PLANT SYSTEM

(Grid tied, off Grid and Hybrid)

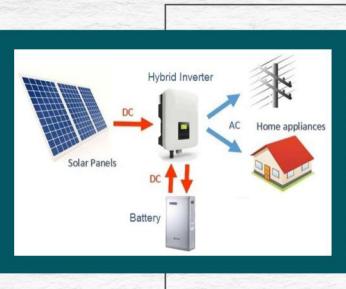
FROM 1 KILOWATT UPTO MEGAWATTS



SOLAR POWER SYSTEM



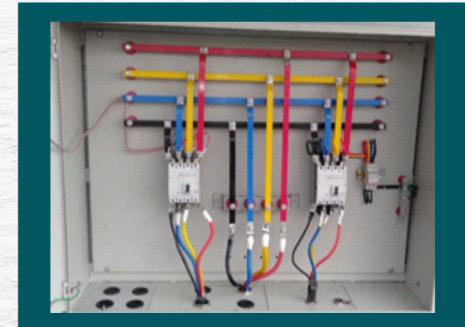
On-grid or grid-tie solar systems are by far the most common and widely used by homes and businesses. These systems do not need batteries and use common solar inverter and are connected to the public electricity grid. Any excess solar power that you generate is exported to the electricity grid and you usually get paid a feed-in-tariff (FIT) or credits for the energy you export grid-tied, off-grid & hybrid on-grid or grid-tie solar system are not able to function or generate electricity during a blackout due to safety reasons.



Off-grid system is not connected to the electricity grid and therefore requires battery storage. Off-grid solar system must be designed appropriately so that it will generate enough power throughout the year and have enough battery capacity to meet the home's requirements, even in the depths of winter when there is less sunlight.

There are different types of off-grid system. Remote areas that are far from electricity grid when your solar is not working , your Appliances will draw power from battery.

20KW SOLAR GRID TIE SYSTEM AT ST. XAVIER'S COLLEGE OF EDUCATION, DIGHA GHAT, PATNA





K.R High School, Bettiah, Bihar
10KW Grid Tied Rooftop PV System



20KWP at St. Xavier's College of
Management & Technology, Patna



100KWP at K.K. College of
Engineering & Management, Dhanbad
in Association with Jharkhand Renewable
Energy Development Agency (JREDA)



Petrol Pump Solar Integrator for
Indian Oil Corporation Ltd. Bihar



Vinoba Bhave University
20KW Hybrid Solar Rooftop PV System
Hazaribagh, Jharkhand



Holy Cross School, Pandua, West Bengal
20KW Grid and 10KW Off-Grid Solar
Rooftop Pv System

SOLAR TREE



A solar tree is a decorative means of producing solar energy and also electricity. It uses multiple no. of solar panels which forms the shape of a tree. The panels are arranged in a tree fashion in a tall tower/pole. A solar tree is an artificial tree with photo-voltaic cells with mobile charging point optional.

Tree Stands for

T= Tree Generating R=Renewable E=Energy and E=Electricity

TECHNICAL SPECIFICATION

Solar Tree Consists of :

Solar PV modules

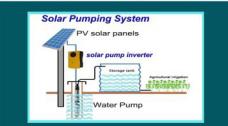
Long Tower : Structure Fibre & SS , Height 15ft.

LED light : 120W - 220W

Batteries : 150AH - 200AH

Solar Tree is a Symbol of Green Energy Ideal for Enhancing Aesthetics of Malls, Plazas, Parks, Townships, Hospitals, Hotels Industries.

SOLAR PUMPING SYSTEM



SURFACE/SUBMERSIBLE

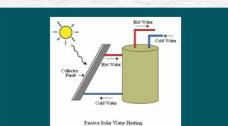
(1hp, 2hp, 3hp Solar Pumping System with solar PV module, controller, & mounting structure)

Solar powered water pumps are best alternatives for areas where there is no electricity or scarcity of power supply.

Easy photovoltaics solar water pump system can be easily installed and require minimum maintenance irrigation, horticulture, farms, gardens, drinking and other similar application.

SOLAR WATER HEATER

UPTO 10000 LETTERS



(100LPD/150LPD/250LPD/300LPD/500LPD ETC)

Solar hot water offer simple solutions to have hot water for various application such us dairy industries, pharmaceuticals & chemical industries, hospitals, hotels, green house, farm house, homes, schools, colleges Etc.

SOLAR LED LIGHTING SERIES

SEMI INTEGRATED SOLAR LED STREET LIGHT (5 WATT TO 30 WATT)

TECHNICAL SPECIFICATION:

Solar LED Street Light Semi-Integrated 10-36W LED	Inbuilt Driver cum Inbuilt Lithium P4 Battery 11AH-40AH
External Solar PV Module 40W-150W	No Manual ON-OFF Required (Fully Automatic)
No Maintenance Required (Lithium P4 Battery)	Long Life of Product ,Long Battery Life
Dimming Sensor - uses Energy as Required	Huge Cost Saving on Installation

BENEFITS

Ideal Solution for Rural and Remote Areas where Power lines are not Available.

No External Cabling, Trenching and Zero Carbon Foot Prints

Fully Renewable and Independent Green Energy Source.

No Maintenance in Initial Years.



ALL - IN - ONE SOLAR LIGHT 15W

SPECIFICATION

Solar Panel - 5V/35W

Lamp - Japan Nochia SMD LED 15W

LED Life Span - 50000 Hours

Battery - 3.2V/30AH (Lithium P04)

Battery Life Span - 8 to 10 Years

Duration - whole Night Lighting

Suggested Installation Height - 5 Meters

Focus - 12 to 15 Meters



ALL IN ONE SOLAR LED STREET LIGHTS (10 WATT TO 30 WATT)



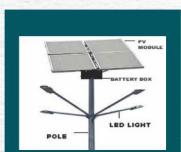
TECHNICAL SPECIFICATION

12w / 15w (Inbuilt Driver Cum Battery)	
Solar Panel Battery Capacity	Poly - Crystalline 40W 11.1V 10AH/15AH Lithium-ion/Life Po4 Battery
Motion Sensor	PIR Motion Sensor (12M Range)
Lumen Output Light Mounting Height	1200/1500Lumen 4M - 5M Above Ground Level
Product Warranty Light Backup Time	2 Year (Battery Warranty 1 Year) Full Night with Dimming (Autonomy Appx 2 Days)

ADVANTAGE

No Discrete Arrangement is to Made for Panel, Battery Box, Luminary & Pole	Transportation is Easy, Convenient and Safe
No Maintenance is Required for Battery (No Water Top Up)	No Risk of Battery theft
No Manual On - Off Requires (Full Automatic)	Long Life of Product
Easy Installation	Motion Sensor - Using Energy as Required
Up to Two Days Autonomy	Huge Cost Saving on Installation
No Cable Laying Required	

HIGH MAST SOLAR LED STREET LIGHT (15 WATT TO 50 WATT)



TECHNICAL SPECIFICATIONS:-

6-8 MTR Octagonal with Base and Nut Bolt 01 Set
LED Light 18-36 Watt Inbuilt in Aluminum Die Cast Body with Auto Dusk to Down & Dimming Features After 6 Hours :04NOS
PV Module 75-100 Watt IEC & MNRE Approved :04 NOS
Lithium P4 Battery 18-40Ah with Waterproof Battery Casing :04 NOS
PV Solar DC Cable XLPE + FRLS Tinned Coated Copper
Foundation of Pole with Civil Works & RCC

WARRANTY

Battery :5 Year (Expected Life 7-8 Year)
LED Lights :5 Year (Expected Life 7-8 Year)
PV Module :25 Years
Pole :10 Years

OUTDOOR AC LED STREET LIGHTS



DPI/SL30W

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
2450/-	3600	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL30W
LENS

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
2350/-	3600	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL40WFG

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
3150/-	4800	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL50WFF

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
3850/-	5800	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL50W
LENS

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
3850/-	5800	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL50WFG

DPI/SL60WFG

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
3750/-	5800	85-285	C/W	0 to 50° C	85% - 90%
4300/-	6700	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL75WFF

DPI/SL90WFF

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
5200/-	8400	85-285	C/W	0 to 50° C	85% - 90%
6100/-	9600	85-285	C/W	0 to 50° C	85% - 90%



DPI/SL120WFF

DPI/SL150WFF

MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
7900/-	13400	85-285	C/W	0 to 50° C	85% - 90%
9800/-	16800	85-285	C/W	0 to 50° C	85% - 90%

(Lens Option Available, Will be Charged Extra)

OUTDOOR AC LED FLOOD LIGHTS

	DPI/FL30W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
2050/-	3600	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL60W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
4100/-	6700	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL90W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
6100/-	9600	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL100W COB
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
6300/-	11000	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL120W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
7600/-	14000	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL150W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
9900/-	16800	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL150W COB
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
11100/-	16800	85-285	C/W	0 to 50° C	85% - 90%

	DPI/FL200W
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MRP	Lumens	Input Volt.	Color	Operating Temp.	Efficiency
11800/-	25200	85-285	C/W	0 to 50° C	85% - 90%

(Lens Option Available, Will be Charged Extra)

HIGH MAST LED LIGHTS & POLES



TECHNICAL SPECIFICATION

- 12mtr - 30mtr. High Mast Octagonal Motorized/Semi Automatic/Manual Pole with Nut Bolt and Base Plate from 6 to 20 ARMS Light Angles Option.
- LED Flood Light 150/200 Watt. with Lens Color - (6500K, Voltage Input -110 to 285)
- Armed Cables, Fidder PillarBox, Lighting Arrester, MCB'S, Timer & All Accessori Etc.
- Foundation of Pole with All Civil Works.



OCTAGONAL POLES

- Hot Dip Galvanized Octagonal Pole of Ranges from 6mtr to 15mtr Height
- Made out of thick Sheet Suitable for Mounting Street Lights & Flood Light for Different Directions as Required.
- Octagonal Poles Designed in Dynamic Structure.
- The pole shall be Installed in Cement Concrete Foundation Sand and Stones with the Help of Anchor Bolts .
- The Structure shall be Single Hot Dip Galvanized .

SINGLE ARM DOUBLE ARMS & DESIGNER POLES

Poles from 5ft - 15ft Available in Different Design and Cuts Suitable for Smart City, Parks, Pathway Road, Hospitals, Multiplex Malls, Townships Etc.



LED POST TOP LUMINARIES

LED Post top Luminaries Available from 5 ft to 15 ft with Luminary Ranges from 20W to 180W. Suitable for Smart City, Parks and Pathways, Malls, Hospitals, Townships etc.



LED BAY LIGHT (45Watt to 150Watt)



Bay Light 45 Watt :4750
Bay Light 75 Watt :7125



Bay Light 100 Watt :9250
Bay Light 150 Watt :13500

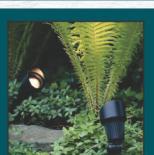
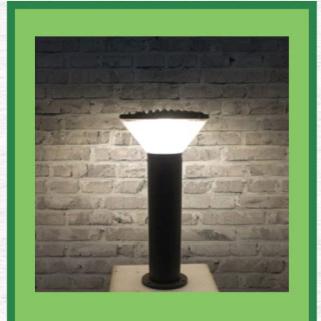
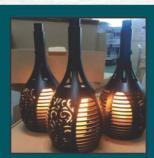


LED BOLLARDS & GARDEN LIGHTS

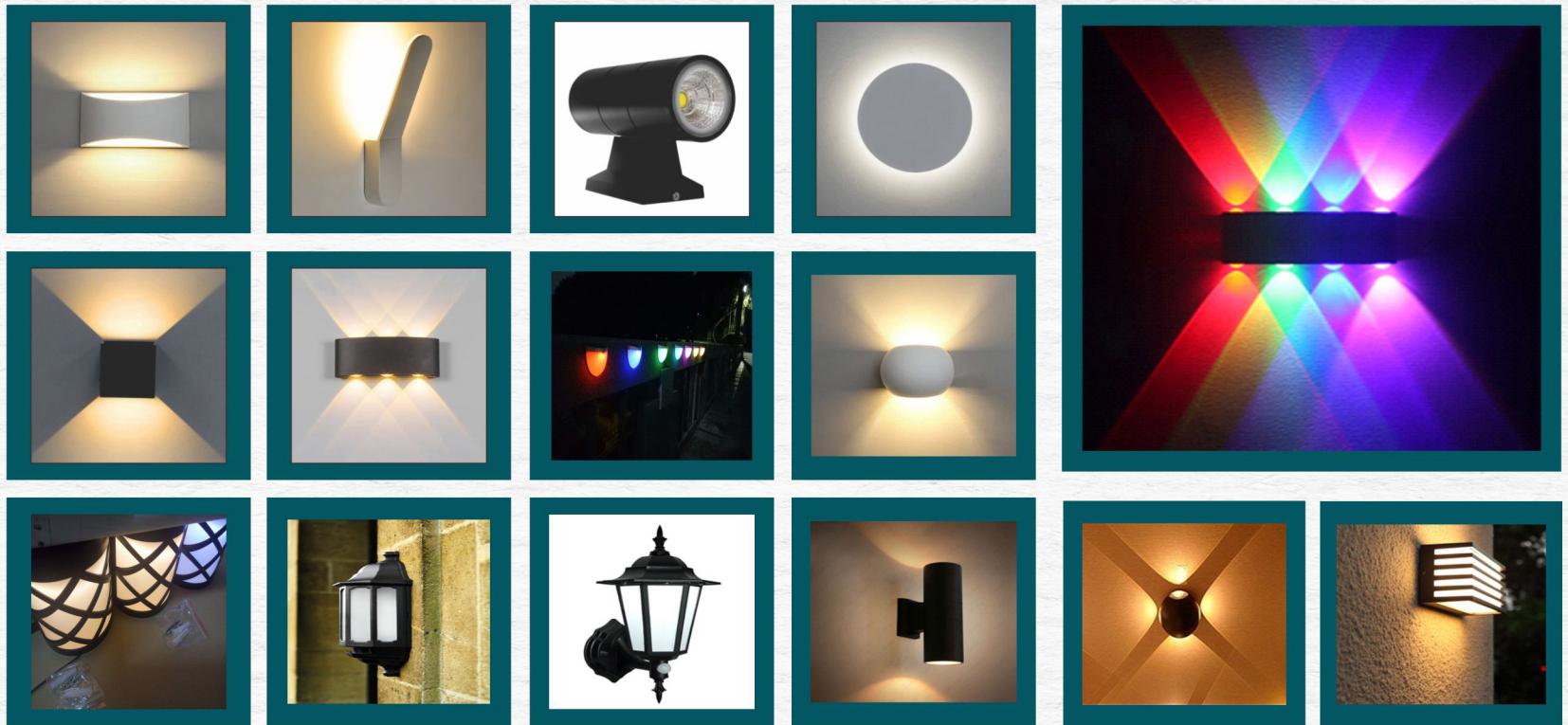
LED Based Indirect Lighting Bollard Light in 6W/9W/15W Complete with Integrated Drivers. These LED Bollard Lights can be Provided with Different Paint Finishers Like Matt Finish, Shiny Steel Finish and Black, Brown, White as well as in other Color as Demanded by Customers. Bollard Light is Unique in Design, Soft Lighting, Beautiful and Ease of Installation & Decoration.

Application: Gardens, Terrace, Parks, Garden Villas, Pedestrian Streets & Land Escaping.

GARDEN SPOT LIGHTS & LANDSCAPE LUMINARIES



LED WALL LIGHTS (6 watt to 15 Watt)



LED UNDER WATER LIGHTS (20 watt to 35 Watt)



OUR ESTEEMED CLIENTS LIST INCLUDES



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