

Group of Companies

AN ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 5001:2011 NABL | MNRE | BIS | GMP | CE | ROHS APPROVED COMPANY

IYSERT CATALOGUE

www.iysertenergy.com

ABOUTUS

IYSERT GROUP OF COMPANY, a National Awardee Company, is revolutionizing the renewable energy industry with its world-class research and development As an ISO 9001:2015, BIS, TUV, IEC, NISE, NSIC certified, and MNRE approved channel partner company, IYSERT specializes in manufacturing portable solar-based technology, vertical axis wind turbines, and bio waste to energy technology. With a state-of-the-art 200-500 MW Solar module manufacturing unit in Jaipur, Rajasthan, India, IYSERT has completed over 15000+ successful projects for clients such as TATA, Shree Cement, Indian Railways, Indian Army, DRDO, ISRO, and DFC Metro Project. Their Indian-made revolutionary products include Solar Inbuilt Street Lights, Solar Cameras, Solar Trees, Solar Benches, Solar Jackets, and Solar Wind Turbines.

ONLINE PARTNERS

























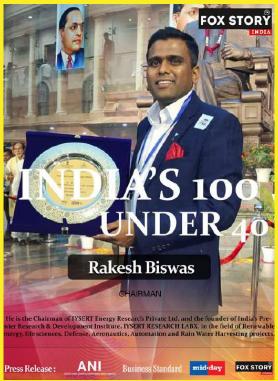






IYSERT ENERGY RESEARCH PVT. LTD.







OUR ACHIEVEMENTS

National Awardee Company



RECIPIENT OF 3 NATIONAL AWARD IN 2022-23

AWARDS AND HONOUR RECEIVED BY IYSERT

- Recipient of Energy Company of 2023 by Entrepreneur India and Franchise India.
- Winner of ET MSME AWARD 2023 Most Innovation Company by Economics Times.
- Recipient of National Award Atal Samman 2022, by Govt of India
- NATIONAL AWARD "DR BR AMBEDKAR BUSINESS EXCELLENCE AWARD BY GOVT OF INDIA ON 14 APRIL 2022, New Delhi.
- Forbes under 40 and Recipient of Most Successful Entrepreneur of the Year 2022.
- Recognized India's Top 10 Clean Company of India 2019,2020,2021,2022 by Silicon India.
- Recognized and selected India's Top Covid-19 Project development company by the COVID-19 Task Force, Government of India.
- AWARDED TOP 100 BRAND AWARD 2022 BY GLOBAL FOUNDATION & TIMES OF INDIA, BANGLORE.
- IYSERT is one of the prominent project partners for the Smart City Government of India.
- IYSERT Selected as Top 25 Fast Growing Startup by INVENTIVEPRENEUR 2020 India's Biggest Television Show by Ministry of Small-Scale Industries Government of India.
- IYSERT Recognized as India's Top 10 Solar Module Manufacturing By MNRE, Government of India.
- IYSERT Received "Rajasthan Green Future Tech Award 2019, By the Government of Rajasthan.
- Listed Among Top 50 Fastest Growing Company by Asian Business Leadership Award CNBC ASIA 2017, Singapore.
- IYSERT Awarded as top technology of ASIA Asian Business Leadership Award 2017, International Economic Institute Malaysia'.

RECOGNIZED AND HONOURED BY



नवीन एवं नवीकरणीय ऊर्जा मंत्रालय MINISTRY OF NEW AND RENEWABLE ENERGY

Entrepreneur









Ideas For Tomorrow®























Our Cluster of Happy Customer



































































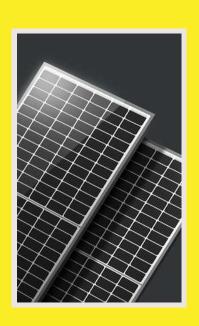
#SERVING NATION WITH GREEN ENERGY



12 YEARS OF EXCELLENCE IN SOLAR & WIND



Manufacturing of All type of Solar Modules ranging from 40Wp to 650wp Topcon Modules | HJT | BIPV COLOURFUL MODULES |



OUR RANGE OF INNOVATION



Wind Turbine



Solar Bench



Solar Camera



Solar Pole Light



Solar Tree



Solar AIO Light



Solar Light



Solar Wind Turbine



Solar Container



Solar Light With Camera



Solar High Mast



Solar AIO High Mast



















Copyright reserved by IYSERT Energy Research Pvt. Ltd.



































IYSERT SOLAR PRODUCT LIST

1. ALL-IN-ONE INBUILT SOLAR STREET LIGHT

2. SOLAR SEMI INTEGRATED SOLAR STREET LIGHT

3. IYSERT SOLAR POWERED CAMERA

4. IYSERT SOLAR INBUILT HIGH MAST LIGHT

5. IYSERT SOLAR ROAD BLINKERS

6. IYSERT SMART SOLAR POWER TREE

7. IYSERT SOLAR HYBRID WIND TURBINE

8. IYSERT SOLAR VERTICAL WIND TURBINE

9. IYSERT SOLAR BENCH

10. IYSERT SOLAR CONTAINER













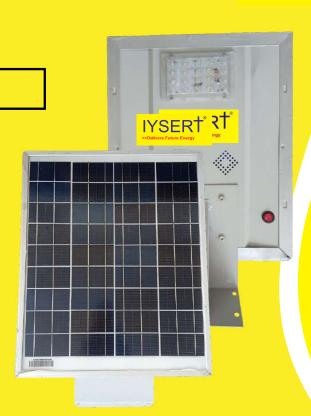








- 30 W Solar Panel
- Lithium Ion Battery
- 12.8 V/12 AH Battery
- 12 Watt LED
- 1200-1500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole



IYSERT® >>Delivers Future Energy

- 35 W Solar Panel
- Lithium Ion Battery
- 12.8 V/15 AH Battery
- 15 Watt LED
- 1500-2000 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole



- 50 W Solar Panel
- Lithium Ion Battery
- 12.8 V/18 AH Battery
- 20 Watt LED
- 2000-2500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole





- 60 W Solar Panel
- Lithium Ion Battery
- 12.8 V/24 AH Battery
- 30 Watt LED
- 3000-3500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole







- 60 W Solar Panel
- Lithium Ion Battery
- 12.8 V/30 AH Battery
- 40 Watt LED
- 4000-4500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole





- 80 W Solar Panel
- Lithium Ion Battery
- 12.8 V/36 AH Battery
- 50 Watt LED
- 5000-5500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole





- 90 W Solar Panel
- Lithium Ion Battery
- 12.8 V/42 AH Battery
- 60 Watt LED
- 6000-6500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole





- 100 W Solar Panel
- Lithium Ion Battery
- 12.8 V/48 AH Battery
- 80 Watt LED
- 8000-8500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI Pole



- 120 W Solar Panel
- Lithium Ion Battery
- 12.8 V/54 AH Battery
- 100 Watt LED
- 10000-10500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- 6M GI POLE





INTEGRATED STREET LIGHT

- 50 W Solar Panel
- Lithium Ion Battery
- 12.8 V/14 AH Battery
- 12 Watt LED
- 1200-1500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole





INTEGRATED STREET LIGHT

- 50 W Solar Panel
- Lithium Ion Battery
- 12.8 V/18 AH Battery
- 15 Watt LED
- 1500-2000 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole





INTEGRATED STREET LIGHT



- 60 W Solar Panel
- Lithium Ion Battery
- 12.8 V/24 AH Battery
- 20 Watt LED
- 1500-2000 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole



INTEGRATED STREET LIGHT

- 75 W Solar Panel
- Lithium Ion Battery
- 12.8 V/30 AH Battery
- 30 Watt LED
- 3000-3500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole





INTEGRATED STREET LIGHT



- 75 W Solar Panel
- Lithium Ion Battery
- 12.8 V/36 AH Battery
- 40 Watt LED
- 4000-4500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole



INTEGRATED STREET LIGHT



- 100 W Solar Panel
- Lithium Ion Battery
- 12.8 V/36 AH Battery
- 50 Watt LED
- 5000-5500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole



INTEGRATED STREET LIGHT

- 100 W Solar Panel
- Lithium Ion Battery
- 12.8 V/42 AH Battery
- 60 Watt LED
- 6000-6500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole







INTEGRATED STREET LIGHT

- 120 W Solar Panel
- Lithium Ion Battery
- 12.8 V/48 AH Battery
- 80 Watt LED
- 8000-8500 Lumen
- 2 Nights Backup
- 3-Year Warranty
- MNRE Approved
- 6M GI Pole











- 60W X 6 Semi Light
- 120 W X 6 Solar Panel
- Lithium Ion Battery
- Aluminium Body
- 2 Night Backup
- 3 Years Warranty
- IP65 & IP66 Rating
- With Octagonal pole







- 75W Solar Panel
- 150W Wind Turbine
- 60W X 2 Nos. LED
- Battery-54AH/12.8V
- MPPT Based Controller
- 9M Pole

ORDER NOW



100W WIND SOLAR STREET LIGHT

- 150W Solar Panel
- 200W Wind Turbine
- Battery-62AH/12.8V
- 60W X 2 Nos. LED
- MPPT Based Controller
- 9M Pole

ORDER NOW

IYSERT ENERGY



SOLAR PANEL 60 W



Battery LiPO4



CAMERA RANGE 80-100M



BACKUP 2 NIGHTS



4G/5G SIM SLOT INBUILT



WARRANTY 1 YEARS

4G SOLAR POWERED CAMERA



IYSERT ENERGY

4G SOLAR POWERED CAMERA



SOLAR PANEL 60 W



Battery LiPO4



CAMERA RANGE 80-100M



BACKUP 2 NIGHTS



4G/5G SIM SLOT INBUILT



WARRANTY
1 YEARS







IYSERT SOLAR LIGHT WITH CAMERA

Our Product have the following benefits:

- **⊘** Efficiency
- **⊘** Durability
- **⊗** Environmentally Friendly
- **⊘** Smart Technology

Start using the sun's energy to power your tomorrow.







>>Delivers Future Energy

IYSERT SOLAR POWER TREE

500 W OFF GRID SOLAR POWER TREE(LED LIGHT MODEL)

☑ 12W X 10 NOS LED X 10 Qty.

☑ INBUILT MPPT BASED CONTROLLER

☑ MS TUBES OF 5M & 2.5 INCH DIA.

TREE HEIGHT- 5 METERS

☑ Lithium-Ion Battery







>>Delivers Future Energy

IYSERT SOLAR POWER TREE

1 KW OFF GRID SOLAR POWER TREE

☑ 100 WATT MODULE(ROUND SOLAR MODULE) x 10

☑ 20W X 10 NOS LED x 10 Qty.

☑ INBUILT MPPT BASED CONTROLLER

MS TUBES OF 5M & 2.5 INCH DIA.

☑ TREE HEIGHT- 5 METERS

☑ Lithium-Ion Battery







>>Delivers Future Energy

IYSERT SOLAR POWER TREE



2.5 KW OFF-GRID SOLAR POWER TREE

☑ 100 WATT MODULE(ROUND SOLAR MODULE) X 25

- **☑** 20W X 25 NOS LED
- ☑ INBUILT MPPT BASED CONTROLLER
- MS TUBES OF 5M & 2.5 INCH DIA.
- TREE HEIGHT- 5 METERS
- ☑ Lithium-Ion Battery





IYSERT SOLAR POWER TREE

500 W ON-GRID SOLAR POWER TREE (LED MODEL)



- 12W X 8 NOS LED
- **☑** 750 VA SOLAR INVERTER
- SOLAR TREE STRUCTURE
- ☑ TREE HEIGHT- 5 METERS



IYSERT®

>>Delivers Future Energy

IYSERT SOLAR POWER TREE

1 KW ON-GRID SOLAR POWER TREE (LED MODEL)

- **☑** 100 WATT MODULE(ROUND SOLAR MODULE) X 10
- **☑ 12W X 10 NOS LED X 10 QTY.**
- **1 KW SOLAR INVERTER**
- SOLAR TREE STRUCTURE
- **TREE HEIGHT- 5 METERS**







>>Delivers Future Energy

IYSERT SOLAR POWER TREE

1 KW OFF-GRID SOLAR POWER TREE

- ✓ 50 Watt Solar Panel X 20 Qty.
- **12W X 20 NOS LED**
- ☑ INBUILT MPPT BASED CONTROLLER
- SOLAR TREE STRUCTURE
- TREE HEIGHT- 5 METERS





IYSERT®

>>Delivers Future Energy

IYSERT SOLAR POWER TREE



500 W OFF-GRID SOLAR POWER TREE(LEAF MODEL)

- √ 80 Watt Solar Panel X 6 Nos.
- ☑ WITH 6 Leaf
- **☑** INBUILT MPPT BASED CONTROLLER
- SOLAR TREE STRUCTURE
- ☑ TREE HEIGHT 5 METERS









IYSERT SOLAR POWER TREE

10 KW SOLAR POWER TREE (ON-GRID)

- 350 Watt Solar Panel X 30 NOS.
- RUST & DUST PROOF
- SOLAR ON-GRID INVERTER 10 KW
- SOLAR TREE STRUCTURE
- ☑ TREE HEIGHT- 5 METERS





IYSERT SOLAR SMART BENCH



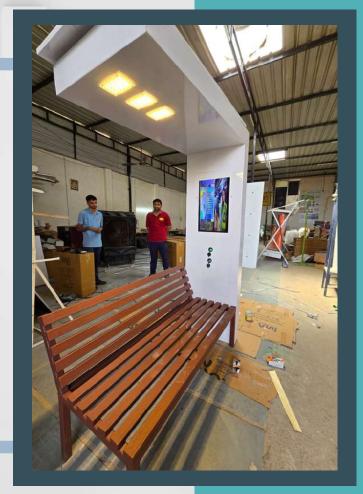






EXTRA FEATURES:-

BLUETOOTH | 2 USB PORTS | 4 WIRELESS
CHARGING PADS | WI-FI HOTSPOT |
ENVIRONMENTAL SENSORS



IYSERT SOLAR SMART BENCH!



SOLAR BENCH

FEATURES:

- Wi-Fi Hotspot
- Bluetooth
- Charging Pads
- LED Light
- Environmental Sensor

ORDER NOW

9116688892 iysertsales@gmail.com www.iysertenergy.com

UTILIZATION:

- Schools, Colleges, Universities
- Hospitals
- Hotels, Restaurant
- Public Placess





IYSERT SOLAR LED POLE LIGHT



Order now

- iysertsales@gmail.com

- ► FLEXIBLE SOLAR PANEL PER SECTION POWER 80W, INSTALL ON POLE
- LITHIUM ION BATTERY
- COLOR TEMPERATURE 3000K- 6000K
- ➤ SYSTEM VOLTAGE- 12V/24V
- WORKING TEMPERATURE -20'C~55"C
- ► 6-9M POLE
- ► IP65 & IP66 RATING
- MNRE APPROVED



IYSERT SOLAR LED BOLLARD LIGHT



Order now



iysertsales@gmail.com



- ► FLEXIBLE SOLAR PANEL PER SECTION POWER 60W, INSTALL ON POLE
- LITHIUM ION BATTERY
- COLOR TEMPERATURE 3000K- 6000K
- SYSTEM VOLTAGE- 12V/24V
- WORKING TEMPERATURE -20'C~55"C
- ► 6M POLE
- ► IP65 & IP66 RATING
- MNRE APPROVED



HORIZONTAL WIND TURBINE

(300W - 1MW)





Specification

Rated Power Rated Voltage Start Wind Speed Rated Wind Speed Max. Wind Speed Number of Blades Blades Material Rotor Diameter Tower Connector 300W 12V/24V AC 2m/s 10m/s 45m/s 3 Nylon 1.65m Flange



Specification

Rated Power Rated Voltage Start Wind Speed Rated Wind Speed Max. Wind Speed Number of Blades Blades Material Rotor Diameter Tower Connector 400W 12V/24V AC 2m/s 10m/s 45m/s 3 Nylon 1.65m Flange



Specification

Rated Power 500W Rated Voltage 12V/24V AC Start Wind Speed 2m/s Rated Wind Speed 10m/s Max. Wind Speed 45m/s Number of Blades 3 Blades Material Nylon Rotor Diameter 1.65m Tower Connector Flange

Specification

•	
Rated Power	600W
Rated Voltage	12V/24V AC
Start Wind Speed	2m/s
Rated Wind Speed	10m/s
Max. Wind Speed	45m/s
Number of Blades	3
Blades Material	Nylon
Rotor Diameter	1.65m
Tower Connector	Flange

HORIZONTAL WIND TURBINE

IYSERT®

>Ocilivers Future Energy

(300W - 1MW)





Specification

Rated Power
Rated Voltage
Start Wind Speed
Rated Wind Speed
Max. Wind Speed
Number of Blades
Blades Material
Rotor Diameter
Tower Connector

800W 24V/48V AC 2m/s 10m/s 45m/s 3 Nylon 1.65m Flange



IYH-1000

Specification

Rated Power
Rated Voltage
Start Wind Speed
Rated Wind Speed
Max. Wind Speed
Number of Blades
Blades Material
Rotor Diameter
Tower Connector

1000W 24V/48V AC 2m/s 10m/s 45m/s 3 Nylon 1.95m Flange



Specification

Rated Power 1.5KW 24V/48V AC Rated Voltage Start Wind Speed 2m/s 10m/s Rated Wind Speed 45m/s Max. Wind Speed 3 Number of Blades Nylon **Blades Material** 2.1m **Rotor Diameter** Flange **Tower Connector**

HORIZONTAL WIND TURBINE

(300W - 1MW)





Specification

Rated Power Rated Voltage Start Wind Speed Rated Wind Speed Max. Wind Speed Number of Blades Blades Material Rotor Diameter Tower Connector

2KW 48V/96V AC 2m/s 10m/s 45m/s 3 Glass Fiber 2.6m

Flange

IYH-3K

IYH-10K

Specification

Rated Power Rated Voltage Start Wind Speed Rated Wind Speed Max. Wind Speed Number of Blades Blades Material Rotor Diameter Tower Connector 3KW 48/96/120/220/380V 2m/s 10m/s 45m/s

3 Nylon 4.1m Flange



Specification

5KW **Rated Power** Rated Voltage 48/96/120/220/380V Start Wind Speed 2m/s Rated Wind Speed 10m/s Max. Wind Speed 45m/s Number of Blades 3 Blades Material Nylon 4.7m Rotor Diameter **Tower Connector** Flange

Specification

Rated Power
Rated Voltage
Start Wind Speed
Rated Wind Speed
Max. Wind Speed
Number of Blades
Blades Material
Rotor Diameter
Tower Connector

10KW 120/220/380V AC 2m/s 10m/s

45m/s 3 Nylon 5.6m Flange



(300M - 100KM)



Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
IY-300H-A
Rotor Height

300W 12V/24V AC 2.5m/s 12m/s 45m/s 5 0.75m 1m Ra Ra St Ra St NI RC

Rated Output
Rated Voltage
1
Start Wind Speed
2
Rated Wind Speed
1
Survival Max. Wind
Number of Blades
Rotor Diameter
0
Rotor Height
1

400W 12V/24V AC 2.5m/s 12m/s 45m/s 5 0.75m 1.2m

IY-500H-A

Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

500W 12V/24V AC 2.5m/s 12m/s 45m/s 5 0.75m 1.4m



Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

600W 12V/24V/48V AC 2.5m/s 12m/s 45m/s 5 0.91m 1.4m



Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

800W 24V/48V AC 2.5m/s 12m/s 45m/s 5 0.91m 1.6m

IYSER†

(300W - 100KW)





IY-1KH-A

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

1KW 24/48V AC 2.5m/s 12m/s 45m/s 5 1.3m 1.8m

1.55m

2.4m



Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

2KW 48/96/120/220/380V A 2.5m/s 12m/s 45m/s 5 1.3m 2m



Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades **Rotor Diameter** IY-3KH-A Rotor Height

3KW 48/96/120/220/380V 2.5m/s 12m/s 45m/s 5



IY-5KH-A

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

5KW 48/96/120/220/380V 2.5m/s 12m/s 45m/s

2m

3m



Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades **Rotor Diameter** Rotor Height

10KW 120/220/380V AC 2.5m/s 12m/s 45m/s 2.2m

4.2m

IY-10KH-A



(300W - 100KW)





Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height 300W 12V/24V 2.5m/s 10m/s 45m/s 5 0.78m 1.2m Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

400W 12V/24V 2.5m/s 10m/s 45m/s 5 0.95m 1.3m



Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

ІУ-600Н-В

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height 600W 12V/24V/48V 2.5m/s 10m/s 45m/s 5 1.16m 1.6m



500W

12V/24V

2.5m/s

10m/s

45m/s

0.95m

1.4m

5

Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

800W 24V/48V 2.5m/s 10m/s 45m/s 5 1.16m 1.8m

IY-800H-B



(300W - 100KW)





IY-1KH-B

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

1KW 24/48/ 96V 2.5m/s 10m/s 45m/s 5 1.35m 2m



IY-2KH-B

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

2KW 48/96/120/220/380V 2.5m/s 10m/s 45m/s 5 1.67m 2.2m



IY-3KH-B

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

3KW 48/96/120/220/380V 2.5m/s d 10m/s nd 45m/s s 5 2.1m 3.2m



IY-5KH-B

Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

5KW 48/96/120/220/380V I 2.5m/s d 10m/s and 45m/s s 5 2.63m 4.2m



IY-10KH-B

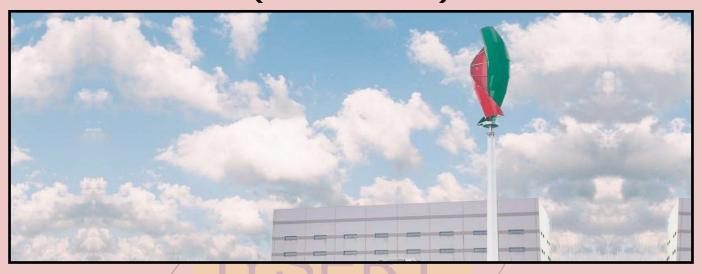
Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

10KW 120/220/380V AC 2.5m/s 10m/s 45m/s 5 3.15m 5m

SPIRAL WIND TURBINE

(300W - 5KW)

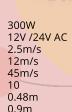






Rat Rat Sta Rat Sur Nu Rot Rot

Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height



IY-400SV

Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height 400W 12V /24V AC 2.5m/s 12m/s 45m/s 10 0.48m

0.9m



Rated Output
Rated Voltage
Start Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

500W 12V/24V/48V AC 2.5m/s 12m/s 45m/s 10 0.65m 1.1m



600W **Rated Output** Rated Voltage 24V/48 AC Start Wind Speed 2.5m/s Rated Wind Speed 12m/s Survival Max. Wind 45m/s Number of Blades 10 Rotor Diameter 0.65m Rotor Height 1.1m



Rated Output Rated Voltage Start Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Hgei ht

800W 24/48 AC 2.5m/s 12m/s 45m/s 10 0.8m 1.31m

HIGH ALTITUDE WIND TURBINE

IYSERT

>>Odivers Future Energy

(500W - 5KW)





Specification

Rated Output
Rated Voltage
12/24/48V AC
Start-up Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height
500W
12/24/48V AC
2.5m/s
10m/s
45m/s
115m
Rotor Height
11m



Rated Output Rated Voltage Start-up Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

600W 12/24/48V AC 2.5m/s 10m/s 45m/s 3 1.15m



Rated Output 800W
Rated Voltage 24/48V AC
Start-up Wind Speed 2.5m/s
Rated Wind Speed 10m/s
Survival Max. Wind 45m/s
Number of Blades 3
Rotor Diameter 1.3m
Rotor Height 1.2m



Rated Output 1KW Rated Voltage 24/48 AC Start-up Wind Speed 2.5m/s Rated Wind Speed 10m/s Survival Max. Wind 45m/s Number of Blades 3 Rotor Diameter 1.6m 1.5m Rotor Height

IY-1KQ

ROSE TYPE VERTICLE AXIS WIND TURBINE

(100W - 1 KW)







Specification

Rated Output 100W
Rated Voltage 12/24
Start-up Wind Speed 2.5m
Rated Wind Speed 12m/
Survival Max. Wind 45m/
Number of Blades 5
Rotor Diameter 0.9m
Rotor Height 0.6m

100W 12/24V AC 2.5m/s 12m/s 45m/s 5 0.9m



Rated Output Rated Voltage Start-up Wind Speed Rated Wind Speed Survival Max. Wind Number of Blades Rotor Diameter Rotor Height

200W 12/24V AC 2.5m/s 12m/s 45m/s 5 0.9m 0.6m



Rated Output 30
Rated Voltage 12
Start-up Wind Speed 2
Rated Wind Speed 12
Survival Max. Wind 45
Number of Blades 5
Rotor Diameter 0.
Rotor Height 0.

300W 12/24V AC 2.5m/s 12m/s 45m/s 5 0.9m 0.6m



Rated Output
Rated Voltage
Start-up Wind Speed
Rated Wind Speed
Survival Max. Wind
Number of Blades
Rotor Diameter
Rotor Height

400W 12/24V AC 2.5m/s 12m/s 45m/s 5 0.9m 0.6m

SOLAR WIND TURBINE (TRIANGA MODEL)

(1 KW - 100 KW)







HYBRID WIND TURBINE

- 550 W X 6 SOLAR MODULE
- 2 KW VAWT
- 48V/150AH LEAD ACID BATTERY
- 5KWP/48V SOLAR HYBRID INVERTER
- PMG MOTOR- 4 (500W X 4)
- BATTERY BOX
- HEIGHTS OF BLADES 1.23 M
- MATERIAL OF BODY- ALUMINIUM ALLOY
- NUMBER OF BLADES 3
- RATED ROTOR SPEED- 150R/MIN.
- . RATED WIND SPEED- 13 M/S



IYSERT 10 KW SOLAR HYBRID WIND TURBINE

- 550 W X 12 SOLAR MODULE
- 4 KW VAWT
- 120V/150AH LEAD ACID BATTERY
- 10KWP/120V SOLAR HYBRID INVERTER
- PMG MOTOR- 8 (500W X 8)
- BATTERY BOX
- HEIGHTS OF BLADES 1.23 M
- MATERIAL OF BODY- ALUMINIUM ALLOY
- NUMBER OF BLADES 3
- RATED ROTOR SPEED- 150R/MIN.
- RATED WIND SPEED- 13 M/S

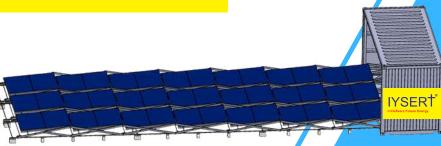


IYSERT 30 KW SOLAR HYBRID WIND TURBINE

- 550 W X 45 SOLAR MODULE
- 6 KW VAWT
- 120V/150AH LEAD ACID BATTERY
- 30KWP/240V SOLAR HYBRID INVERTER
- PMG MOTOR- 12 (500W X 12)
- BATTERY BOX
- HEIGHTS OF BLADES 1.23 M
- MATERIAL OF BODY- ALUMINIUM ALLOY
- NUMBER OF BLADES- 3
- RATED ROTOR SPEED- 150R/MIN.
- RATED WIND SPEED- 13 M/S







SPECIFICATIONS:

- 550 W SOLAR MODULE(Qty.-46)
- 25 KW INVERTER
- BATTERY- 360V DC / 200AH
- LIPO4 BATTERY

Contact Us

0141-294-5901 +91-9116688892

<u>iysertsales@gmail.com</u>







SPECIFICATIONS:

- 550 W SOLAR MODULE(Qty.-92)
- 50 KW INVERTER
- BATTERY- 360V DC / 200AH
- LIPO4 BATTERY

Contact Us

0141-294-5901 +91-9116688892

<u>iysertsales@gmail.com</u>







SPECIFICATIONS:

- 550 W SOLAR MODULE(Qty.-184)
- 100 KW INVERTER
- BATTERY- 360V DC / 200AH
- LIPO4 BATTERY

Contact Us

0141-294-5901 +91-9116688892

iysertsales@gmail.com



Copyright reserved by IYSERT Energy Research Pvt. Ltd.

IYSERT 5KW FD ELECTRIFICATION SOLAR POWER SYSTEM

The Entire System will be portable and mounted on a movable four-wheel trolley with inbuilt battery bank(LiFePO4).

Contact us

0141-294-5901+91-7014500740

iysertsales@gmail.com



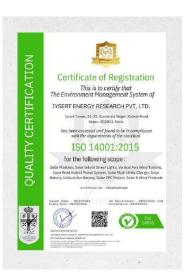


IYSERT 5 KW FD ELECTRIFICATION SOLAR POWER SYSTEM

- 1) 5KW Mobile solar power plant
- 2) LiFepo4 Battery
- 3) MPPT Charge Controller
- 4) MNRE Approved
- 5) 2 Year Warranty from date of delivery











YOUR TRUST OUR GUARANTEE









IYSERT STATE OF THE ART OF MODULE MANUFACTURING AND R&D CENTRE OF EXCELLENCE WITH 50 MW AND 500MW SOLAR MODULE MANUFACTURING PLANT

Head Office: <u>IYSERT TOWER, 31-32, Gurukripa Road, Jaipur 302012</u>
Mfg Unit A: <u>IYSERT TOWER, 31-32, Gurukripa Road, Jaipur 302012</u>

Mfg Unit B: <u>Plot No. G-962, Road No. 14, vishwakarma industrial Area,</u>
<u>Jaipur 302013</u>























STAY CONNECTED WITH US



www.iysertenergy.com



IYSERT TOWER, 31–32, Gurukripa Road, Jaipur 302012



0141-294-5901 +91-7014500740 +91-9116688892 +91-9119103886 +91-9257043512



<u>iysertsales@gmail.com</u> <u>sales@iysertenergy.com</u>



facebook.com/lysertenergy



https://www.youtube.com/channel/UC_7snYKupB2sam_ieaQw5Qg

