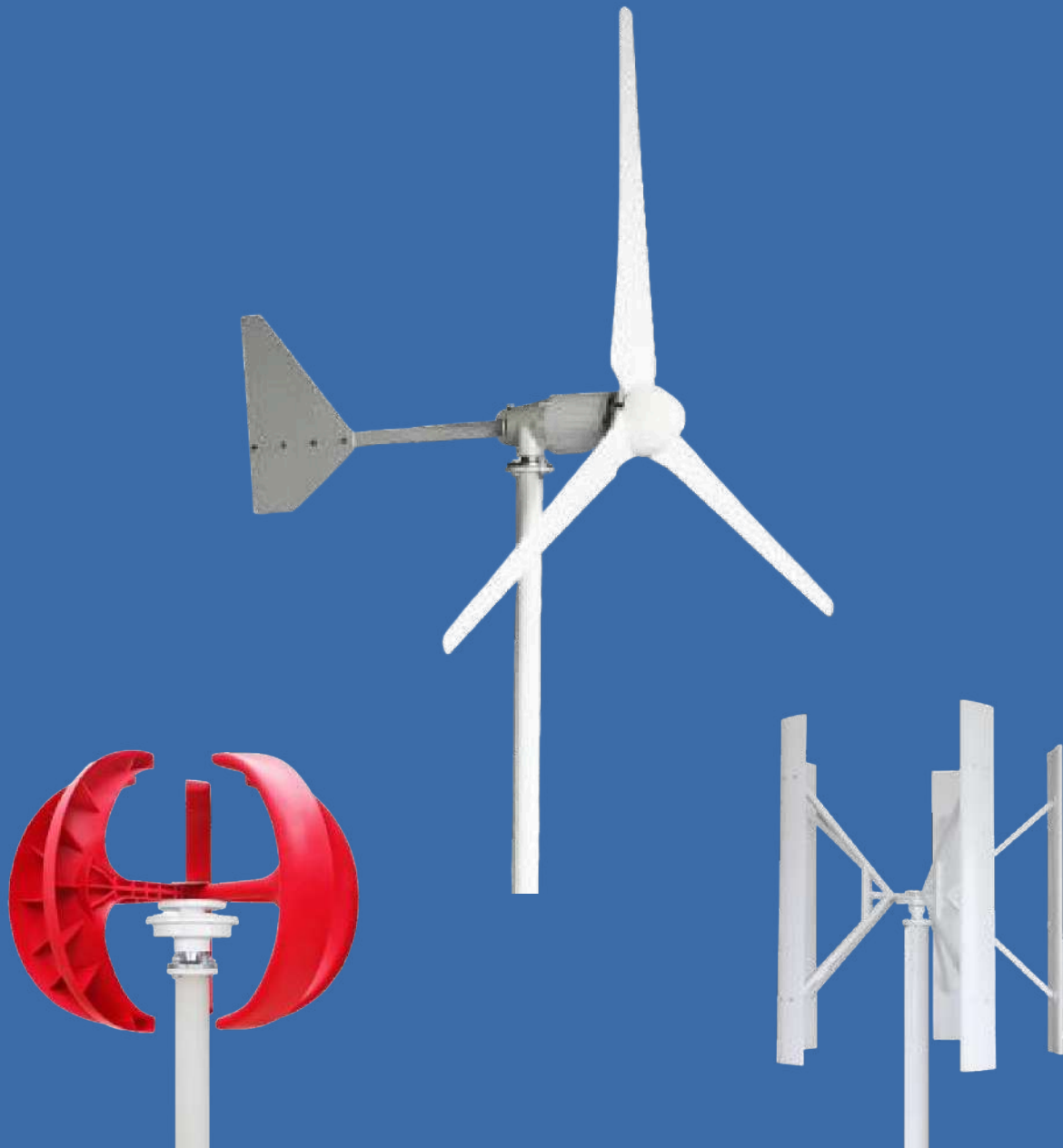




TRANSFORMING WIND POWER



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ABOUT US

SOLAR | WIND | EPC PROJECTS

IYSERT ENERGY RESEARCH PRIVATE LIMITED, a National Awarded Company, is revolutionizing the renewable energy industry with its world-class research and development. 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 20 MW Solar module manufacturing unit in Jaipur, Rajasthan. IYSERT has completed over 5000+ successful projects for clients such as TATA, Shree Cement, Indian Railways, Indian Army, DRDO, ISRO, and DFC Metro Project. Our Indian-made revolutionary products include Solar Inbuilt Street Lights, Solar Cameras, Solar Trees, Solar Benches, Solar Jackets, and Solar Wind Turbines and MW Solar Projects.

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IYSERT ENERGY

RESEARCH PVT. LTD.



IYH-300

Specification

Rated Power	300W
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



IYH-400

Specification

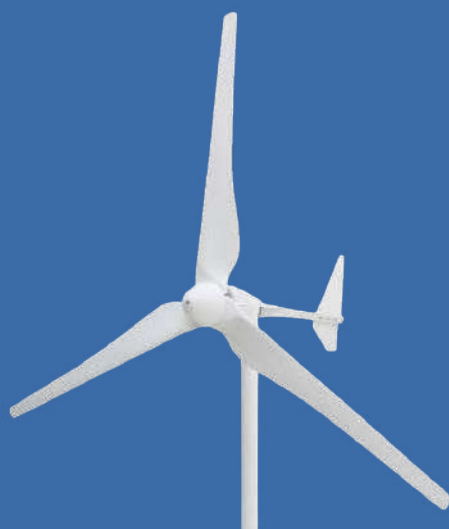
Rated Power	400W
Rated Voltage	12V/24V AC
Start Wind Speed	2m/s
Rated Wind Speed	10m/s
Max. Wind Speed	45m/s
Number of Blades	3
Blades Material	Nylon
Rotor Diameter	1.65m
Tower Connector	Flange



IYH-500

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



IYH-600

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





IYH-800

Specification

Rated Power	800W
Rated Voltage	24V/48V 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



IYH-1000

Specification

Rated Power	1000W
Rated Voltage	24V/48V 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	1.95m
Tower Connector	Flange



IYH-1500

Specification

Rated Power	1.5KW
Rated Voltage	24V/48V 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	2.1m
Tower Connector	Flange



IYH-2K

Specification

Rated Power	2KW
Rated Voltage	48V/96V AC
Start Wind Speed	2m/s
Rated Wind Speed	10m/s
Max. Wind Speed	45m/s
Number of Blades	3
Blades Material	Glass Fiber
Rotor Diameter	2.6m
Tower Connector	Flange





Specification

Rated Power	3KW
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
Rotor Diameter	4.1m
Tower Connector	Flange



Specification

Rated Power	5KW
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
Rotor Diameter	4.7m
Tower Connector	Flange



Specification

Rated Power	10KW
Rated Voltage	120/220/380V 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	5.6m
Tower Connector	Flange





Specification



IY-300H-A

Rated Output	300W
Rated Voltage	12V/24V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.75m
Rotor Height	1m



IY-400H-A

Rated Output	400W
Rated Voltage	12V/24V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.75m
Rotor Height	1.2m



IY-500H-A

Rated Output	500W
Rated Voltage	12V/24V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.75m
Rotor Height	1.4m



IY-600H-A

Rated Output	600W
Rated Voltage	12V/24V/48V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.91m
Rotor Height	1.4m



IY-800H-A

Rated Output	800W
Rated Voltage	24V/48V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.91m
Rotor Height	1.6m





Specification



IY-1KH-A

Rated Output	1KW
Rated Voltage	24/48V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.3m
Rotor Height	1.8m



IY-2KH-A

Rated Output	2KW
Rated Voltage	48/96/120/220/380V A
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.3m
Rotor Height	2m



IY-3KH-A

Rated Output	3KW
Rated Voltage	48/96/120/220/380V
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.55m
Rotor Height	2.4m



IY-5KH-A

Rated Output	5KW
Rated Voltage	48/96/120/220/380V
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	2m
Rotor Height	3m



IY-10KH-A

Rated Output	10KW
Rated Voltage	120/220/380V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	2.2m
Rotor Height	4.2m





IY-300H-B

Specification

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



IY-400H-B

Rated Output	400W
Rated Voltage	12V/24V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.95m
Rotor Height	1.3m



IY-500H-B

Rated Output	500W
Rated Voltage	12V/24V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.95m
Rotor Height	1.4m



IY-600H-B

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



IY-800H-B

Rated Output	800W
Rated Voltage	24V/48V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.16m
Rotor Height	1.8m





Specification



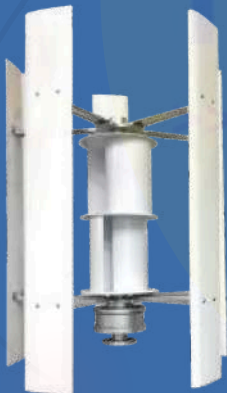
IY-1KH-B

Rated Output	1KW
Rated Voltage	24/48/ 96V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.35m
Rotor Height	2m



IY-2KH-B

Rated Output	2KW
Rated Voltage	48/96/120/220/380V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	1.67m
Rotor Height	2.2m



IY-3KH-B

Rated Output	3KW
Rated Voltage	48/96/120/220/380V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	2.1m
Rotor Height	3.2m



IY-5KH-B

Rated Output	5KW
Rated Voltage	48/96/120/220/380V
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	2.63m
Rotor Height	4.2m



IY-10KH-B

Rated Output	10KW
Rated Voltage	120/220/380V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	3.15m
Rotor Height	5m



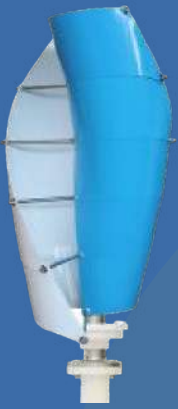


Specification



IY-300SV

Rated Output	300W
Rated Voltage	12V /24V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	10
Rotor Diameter	0.48m
Rotor Height	0.9m



IY-400SV

Rated Output	400W
Rated Voltage	12V /24V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	10
Rotor Diameter	0.48m
Rotor Height	0.9m



IY-500SV

Rated Output	500W
Rated Voltage	12V/24V/48V 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



IY-600SV

Rated Output	600W
Rated Voltage	24V/48V 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



IY-800SV

Rated Output	800W
Rated Voltage	24/48V AC
Start Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	10
Rotor Diameter	0.8m
Rotor Height	1.31m



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IY-500Q

Specification

Rated Output	500W
Rated Voltage	12/24/48V AC
Start-up Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	3
Rotor Diameter	1.15m
Rotor Height	1m



IY-600Q

Rated Output	600W
Rated Voltage	12/24/48V AC
Start-up Wind Speed	2.5m/s
Rated Wind Speed	10m/s
Survival Max. Wind	45m/s
Number of Blades	3
Rotor Diameter	1.15m
Rotor Height	1m



IY-800Q

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



IY-1KQ

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
Rotor Height	1.5m





IY-100RV

Specification

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



IY-200RV

Rated Output	200W
Rated Voltage	12/24V AC
Start-up Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.9m
Rotor Height	0.6m



IY-300RV

Rated Output	300W
Rated Voltage	12/24V AC
Start-up Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.9m
Rotor Height	0.6m



IY-400RV

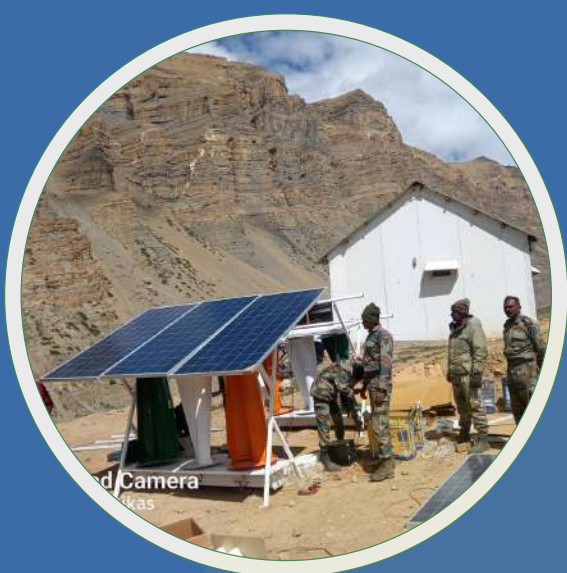
Rated Output	400W
Rated Voltage	12/24V AC
Start-up Wind Speed	2.5m/s
Rated Wind Speed	12m/s
Survival Max. Wind	45m/s
Number of Blades	5
Rotor Diameter	0.9m
Rotor Height	0.6m





IYSERT 5 KW SOLAR 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

