

## Wind Turbine

Model	JD-1000
Rated power	1000W
Max power	1050W
Rated voltage	120V
Start-up wind speed	2m/s
Rated wind speed	2-30m/s
Safety Wind speed	45m/s
Net weight	52kg
Blades Rotor Diameter	2.2m
Blades number	3
Blades	Glass fiber Reinforced Plastics
Material Quantity	
Generator Type	Three phase AC PMG
Magnet material	NdFeB
Generator shell	Casting aluminum Alloy
Control	Electromagnetic/yawing
Speed adjustment	Electro Magnetic Brake
Working Temperature	-40°C—80°C
Lubrication	Grease

## On-grid Controller

Items	FW10-48
Rated Battery Voltage	48V
Rated Wind Generator Capacity	1000W
Wind Generator Braking Voltage	60V
Wind Generator Recover Voltage	54V
Wind Generator Braking Current	25A
Display Mode	LED
Ambient Temperature	-35~+75°C
Dimensions(L x W x H)	150mm × 132mm × 48mm
Quiescent Current	≤20 mA
IP Protection Level	IP67

## Our Company

### 1. Company Profile

JD Engineering Works is a leading manufacturer of Permanent Magnet Alternators, Generators and Torque motors. Located in the suburbs of Hari Nagar in Delhi, India, it works towards designing and manufacturing innovative and reliable solutions for power generation, transmission and control in the industrial, renewable energy sectors.

J.D. Engineering Works, the world-leading specialist in industrial ac alternators, Generators, PMG wind and Hydro Turbine, designs and manufactures highly innovative eco-technological solutions to serve the industrial and large-scale commercial sector markets. We make effective use of the Goodest Machines to manufacture quality products. These products are manufactured to satisfy the need of our clients. In addition. The range of choices that we supply help our clients to make choice and select the product that would suit their requirement..

### 2. Production Process





### 3. Certificate (CE, UDYAM & ISO)

**QUALITY CERTIFICATION**



**Certificate of Registration**  
This is to certify that  
*The Environment Management System of*  
**J. D. ENGG. WORKS**  
BE - 343A, Gali No.-2, Hari Nagar, Delhi - 110064, India

*has been assessed and found to be in compliance with the requirements of the standard*

**ISO 14001:2015**  
for the following scope :  
Manufacturing of Permanent Magnet Generator & Alternator,  
Wind Turbine Alternator, Permanent Magnet Synchronous Motor, Induction Alternator

Certificate No. : 20A4208860

Issued Date : 04/11/2020      For Surveillance : 03/11/2021  
Cover Date : 03/11/2020      and Surveillance : 03/11/2022




Authorized Signatory  
INTERNATIONAL QUALITY CERTIFICATION SERVICES PVT LTD  
411, New Town, Sector 22, Gurgaon, Haryana

**COMPLIANCE CERTIFICATION**



**Certificate of Compliance**  
This is to certify that the following designated products:  
**Permanent Magnet Generator & Alternator, Wind Turbine Alternator,  
Permanent Magnet Synchronous Motor, Induction Alternator**  
**Manufactured By**  
**J. D. ENGG. WORKS**  
BE - 343A, Gali No. - 2, Hari Nagar, Delhi - 110064, India  
Conforms with the Applicable requirements of  
Directive Low Voltage Directive 2006/95/EC Amended As 2014/30/EU

Certificate No. : 20HRL13C

**This certificate is issued under the following conditions:**

- It applies only to the items referenced in all previous mentioned above. The manufacturer is obligated to accept full responsibility of the respective model number in the type covered by this certificate.
- The certificate validity is determined by the positive result of the surveillance audits.
- The factory retains right over the manufacturing conditions. No quality system of alternate registration and changed shall apply the ISO 9001:2015.
- After fulfilling the CE regulatory requirements, the manufacturer shall affix the CE mark on all of the above referenced models, CE Marking according to the following examples.

Issued Date: 29/09/2020      1st Surveillance: 26/09/2021  
Expiry Date: 28/09/2022      2nd Surveillance: 26/09/2022





Authorized Signatory  
INTERNATIONAL QUALITY REGISTRAR CERTIFICATION  
411, New Town, Sector 22, Gurgaon, Haryana

**QUALITY CERTIFICATION**



**Certificate of Registration**  
This is to certify that  
*The Quality Management System of*  
**J. D. ENGG. WORKS**  
BE - 343A, Gali No.-2, Hari Nagar, Delhi - 110064, India

*has been assessed and found to be in compliance with the requirements of the standard*

**ISO 9001:2015**  
for the following scope :  
Manufacturing of Permanent Magnet Generator & Alternator,  
Wind Turbine Alternator, Permanent Magnet Synchronous Motor, Induction Alternator

Certificate No. : 20A420886Q

Issued Date : 04/11/2020      1st Surveillance : 03/11/2021  
Cover Date : 03/11/2020      2nd Surveillance : 03/11/2022




Authorized Signatory  
INTERNATIONAL QUALITY CERTIFICATION SERVICES PVT LTD  
411, New Town, Sector 22, Gurgaon, Haryana

**UDYAM REGISTRATION CERTIFICATE**

Ministry of Micro, Small and Medium Enterprises

Our small hand to make you LARGE

NAME OF ENTERPRISE	State	SOURCE CATEGORY
J D ENGG WORKS PVT LTD	DELHI	TECHNOLOGICAL ENTERPRISE
NAME OF ENTERPRISE	J. D. ENGG WORKS PVT LTD	
TYPE OF BUSINESS OF ENTERPRISE	Manufacturing	
NAME OF STREET	BE-343A, Gali No. 2, Hari Nagar, Delhi - 110064	Area/Zone
OFFICIAL ADDRESS OF ENTERPRISE	BE-343A, Gali No. 2, Hari Nagar, Delhi - 110064	State/City/Town
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	21/08/2018	STATUS
DATE OF COMMENCEMENT OF PRODUCTION/SALES	21/08/2018	STATUS
EMPLOYMENT CATEGORY (CLASSIFICATION CODE)	MSME	STATUS

For any and/or more you may contact:  
1. 800 120 0000      800 120 0000  
2. 800 80 00 00      800 120 0000

BE A CHAMPION with the Ministry of MSME



**JD ENGINEERING WORKS**

#### 4. Our Advantages

- 1. 7 years' experience for wind turbines up to 50kw and familiar with the market trends
- 2. Factory directly sale with reasonable price
- 1. Could do OEM with professional technical team
- 4 .Prompt delivery for your urgent order

#### 5. Project cases

