



## Wind turbine

Model	JD-1000Q4
generator power	1kw
Wheel diameter	2.5m
turbine height	2.3m
Blades material	reinforced glass fiber/aluminum alloy
Blades color	white
Number of blades	5
Rated wind speed	12m/s
Start-up wind turbine	2.5m/s
Survival wind turbine	35m/s
Output voltage	24/48V
Approx net weight	200Kg
Generator type	Maglev generator
Control system	Electromagnet
Speed regulation	Automatically adjust windward direction
Lubrication way	Lubrication grease
Working temperature	From -40°C to 80°C

## Off-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 helps our clients to make choice and select the product that would suit their requirement.

## 2. Production Process

**carbon steel for generator case**



**machining case**



**half finished case**



**stator winding**



**stator**



**finished for wind turbine**





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







#### 4. Our advantages:

1. 10 years' experience for wind turbines up to 50kw and familiar with the market trends
2. Factory directly sale with reasonable price
3. Could do OEM with professional technical team
4. Prompt delivery for your urgent order

#### 5. Project Cases

