



Small Wind Turbine **Catalogue**

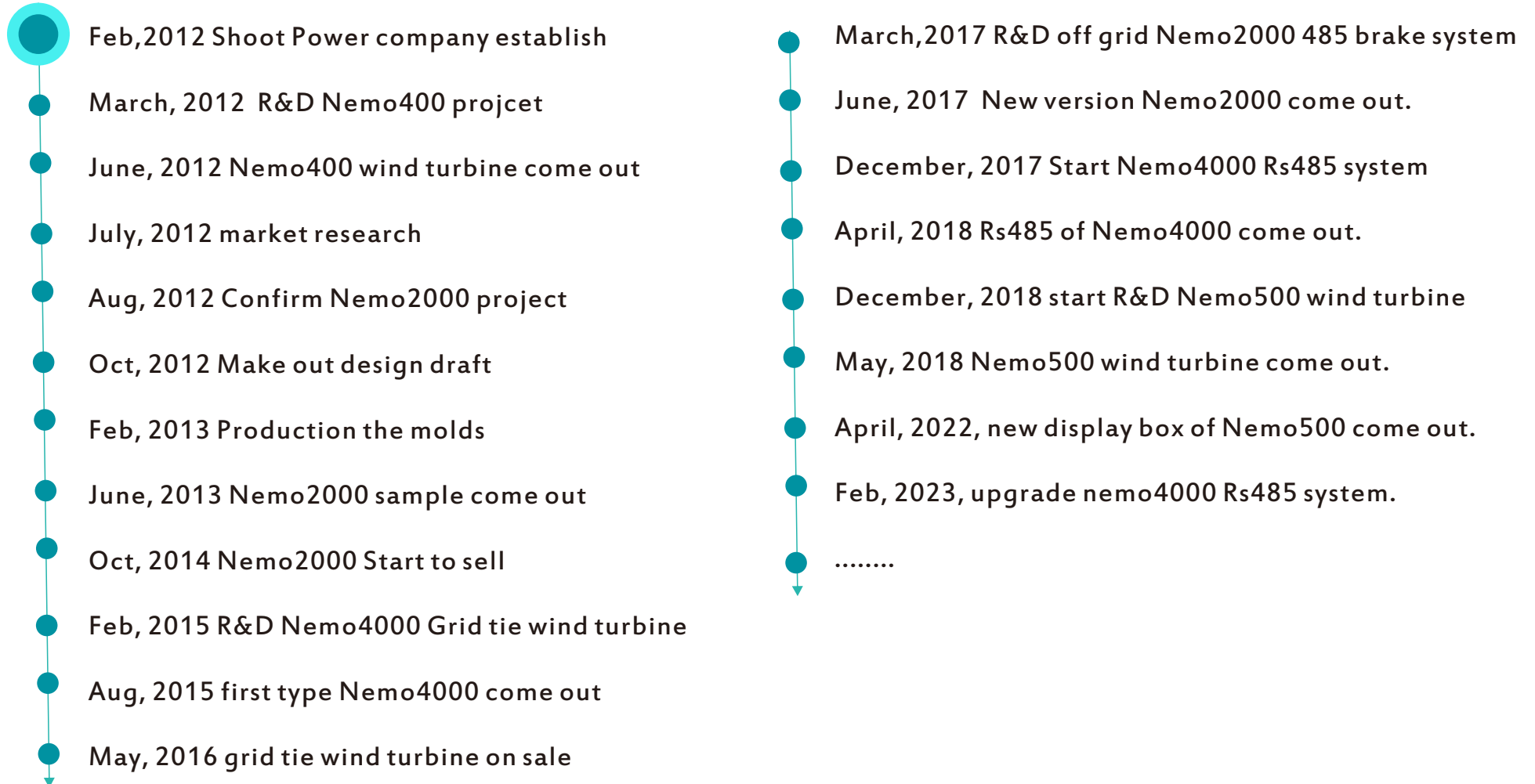
Build your green energy



The specifications of this product may change due to improvements without prior notice.

www.shootpower.com

Company & Project History



Marine Grade



Small Wind Turbine

Off Grid& On Grid

Streamlined Design
Aluminum Alloy Covers
Carbon Fiber Blades
Injection Mould Produce
Mppt Controller



Light Weight



Silence



Small Size



High Efficiency

Overview

Off Grid Type

Streamlined Design
Aluminum Alloy Covers
Carbon Fiber Blades
Injection Mould Produce
Mppt Controller



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Marine Grade

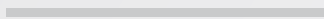


Easy To Install Standard Tower Poles

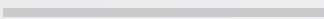
Mast on top of tower(out diameter is 1.9inches[48.6mm])
360 degree yaw shaft design.



7/24 Working



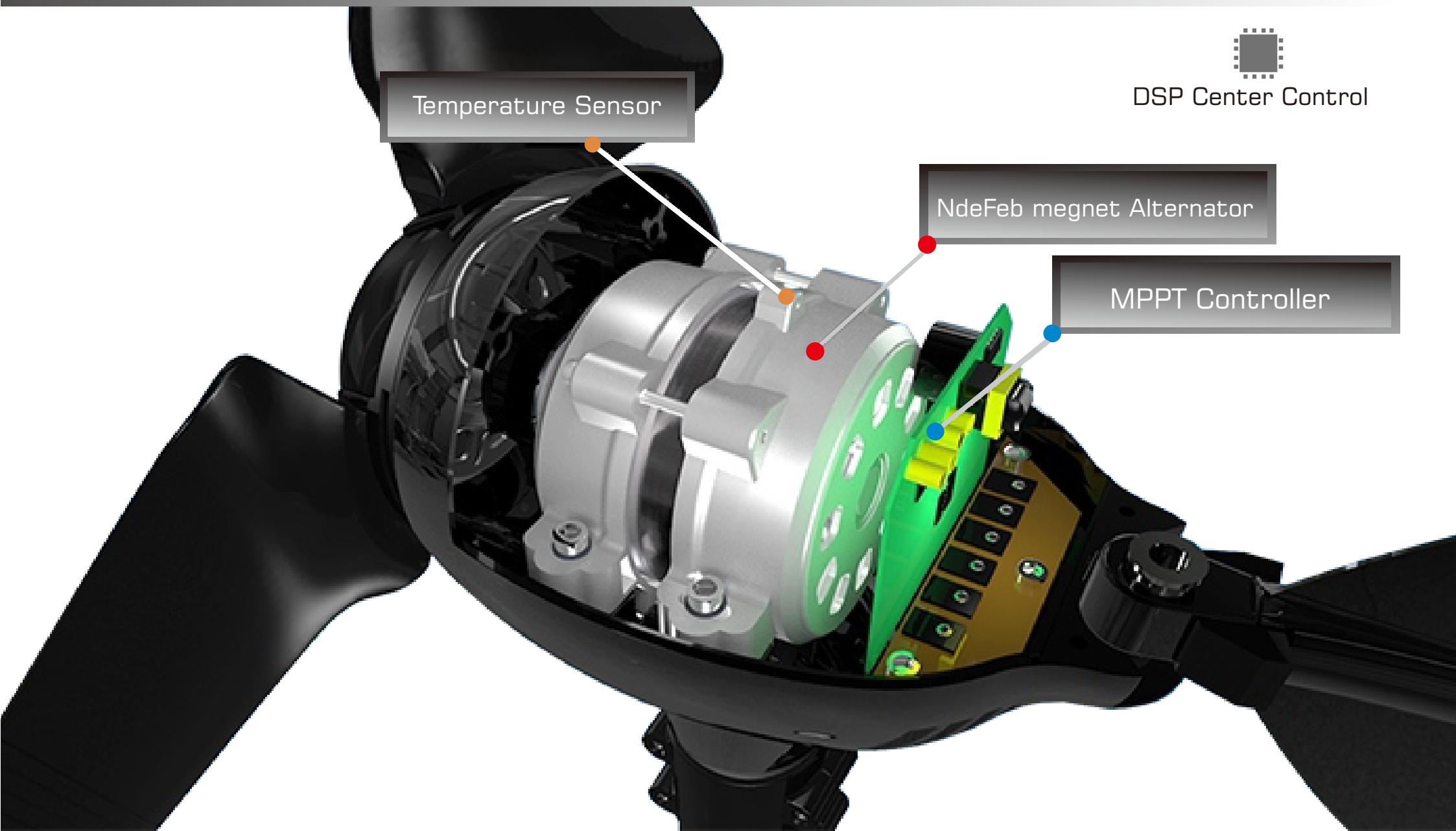
Maintenance-free



15years Long life design



Core Technologies_[Nemo2000/Nemo4000]



Temperature Sensor


DSP Center Control

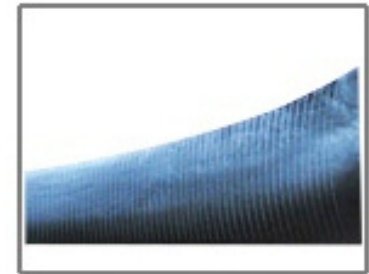
NdeFeb magnet Alternator

MPPT Controller

Core Technologies_[Nemo500]



NSK
Bearings



Low Noise Blades



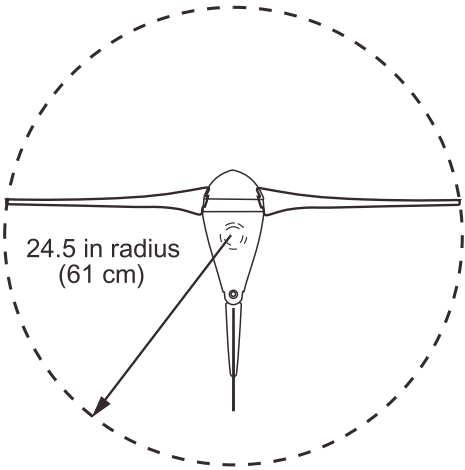
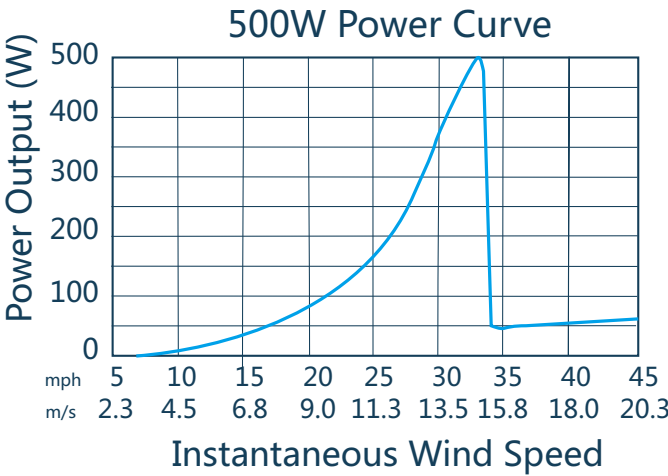
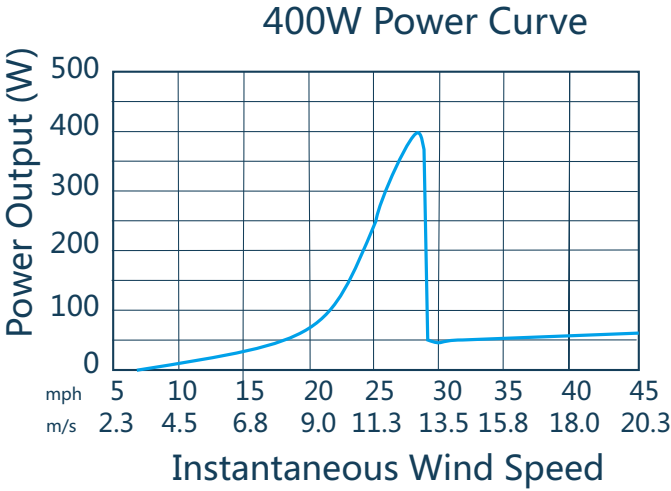
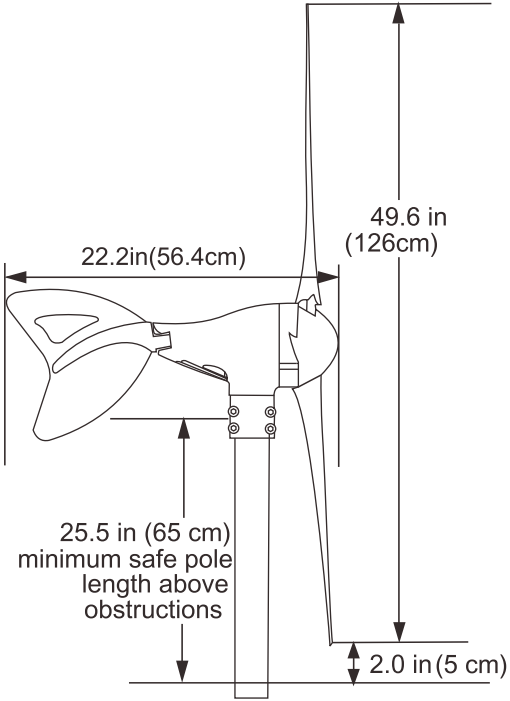
Independent Display box



Unique Blades Hub

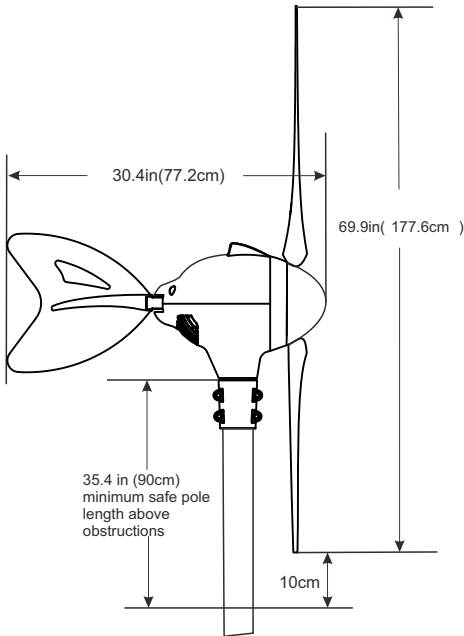
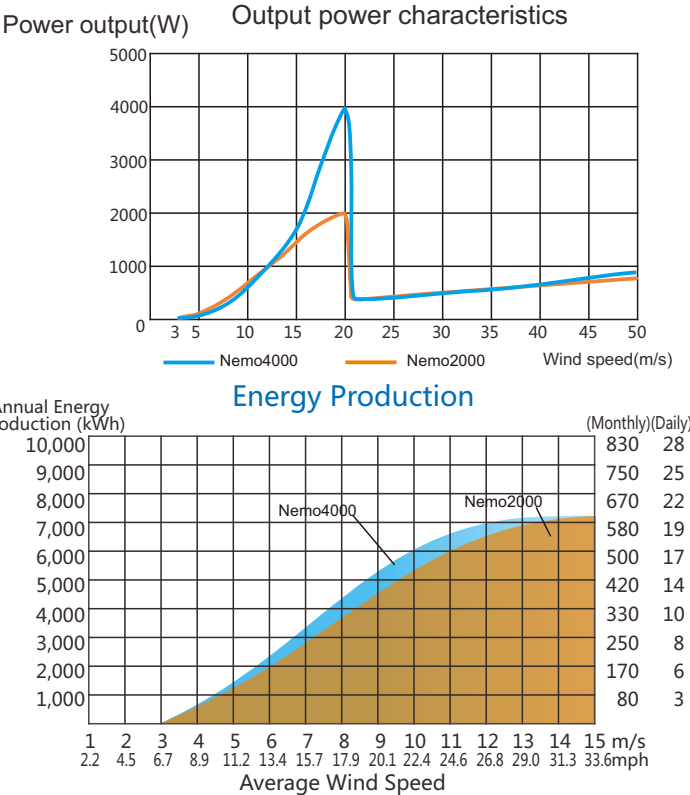
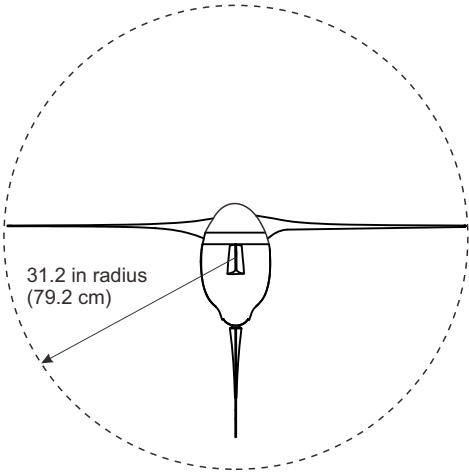
Parameter

Type	Nemo400-400W Wind Turbine		Nemo500-500W Wind Turbine	
Rotor Diameter	1.2m(47.2in)			
Weight	6.7Kg(14.8lb)			
Startup Wind	3.1 m/s (7mph)			
Voltage	12 and 24Vdc dual voltages			
Controller	External MPPT controller		Internal MPPT smart controller	
Body	Permanent mold cast aluminum			
Blades	Injection-molded Carbon fiber composite			
Alternator	Permanent magnet brushless			
Rate Power	400W at 12.5m/s (28mph)		500W at 14m/s (31mph)	
Survival Wind	49.2m/s (110mph)			
Mount	1.5in schedule 40 pipe 48mm(1.9in) out diameter			



Parameter

Model	Nemo2000(Off Grid System)		Nemo4000(Grid Tie System)	
Wind Turbine Type	Horizontal axis, up-wind			
UPC code	839290007075		839290007076	
Rotor Diameter	1776mm(69.9")			
Weight	18kg(38lbs)			
Mount Diameter	48.6mm(1-15/16")			
Number Blades	3			
Blade Material	Carbon fiber			
Body Material	Aluminum diecast			
Product Finish	Telfon-based paint			
Generator	Synchronous-type, three phase power generator with neodymium iron boron magnets			
Controller	Built-in MPPT Smart controller			
Yaw control	Free yaw (360 degrees)			
Start-up wind speed	3m/s(11KPH, 6.7MPH)			
Cut-out wind speed	20m/s(72KPH, 45MPH)			
Survival wind speed	49.2m/s(177KPH, 110MPH)			
Rated Power	1KW (12.5m/s, 45KPH, 28MPH)			
Rated Rotor Speed	1000rpm		1200rpm	
Peak Power	2KW(20m/s,72KPH, 45MPH)		4KW(20m/s,72KPH, 45MPH)	
Output Voltage	DC24V and DC48V		DC250V	
Braking System	Regenerative electromagnetic braking system			
Recommended System	Deep cycle lead acid battery 420 Ah or more		PV Inverter	





Excellent Wind Turbine!

Shoot Power Equipment Co., Ltd
www.shootpower.com