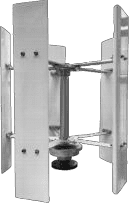


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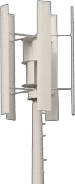
Type H12

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | H12 -200 | H12 -300 | H12 -400 | H12 -500 | H12 -600 | H12 -800 | H12 -1000 | H12 -1500 |
| Rated power | 200w | 300w | 400w | 500w | 600w | 800w | 1kw | 1.5kw |
| Rated voltage | 12V/24V/48V | | | | 24v/48v/96v | | | |
| Start the wind speed | 2m/s | | | | | | | |
| Rated wind speed | 12m/s | | | | | | | |
| Safe wind speed | ≤50m/s | | | | | | | |
| Blade diameter/height（ m） | 0.75/0.8 | 0.75/1 | 0.75/1.2 | 0.75/1.4 | 0.95/1.4 | 0.95/1.6 | 1.28/1.8 | 1.28/2 |
| Number of blades | 5 | | | | | | | |
| Blade material | Aluminum alloy | | | | | | | |
| Fuselage material | Aluminum alloy | | | | | | | |
| Magnetic steel material | NdFeB | | | | | | | |
| Generator type | Three-phase AC permanent magnet synchronous generator | | | | | | | |
| Control mode | Electromagnetic brakes | | | | | | | |
| Wind direction adjustment | 360° automatic windward wind | | | | | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | | | | | |
| Net weight/gross weight（kg） | 15/17 | 16/18 | 17/19 | 18/20 | 21/23 | 23/25 | 75/90 | 85/100 |
| Packing size（ cm） | 35\*34\*22+  85\*26\*26 | 35\*34\*22+  110\*26\*26 | 35\*34\*22+  130\*26\*26 | 19\*19\*21+  147\*26\*26 | 36\*35\*22+  147\*26\*26 | 36\*35\*22+  162\*26\*26 | 31\*31\*27+  185\*25\*35 | 31\*31\*27+  205\*25\*35 |

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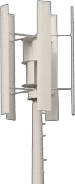
Type H12

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | H12 -2K | H12 -3K | H12 -5K | H12 -10K | | H12 -20K | | H12 -30K | H12 -50K | H12 -100K |
| Rated power | 2000w | 3000w | 5000w | 10Kw | | 20Kw | | 30Kw | 50kw | 100kw |
| Rated voltage | 48V/96V/120V/220V/380V | | | 120V/220V/240V/380V/480V | | | | | 380V/480V/600V… … | |
| Start the wind speed | 2m/s | | | 2.5m/s | | | | | 3m/s | |
| Rated wind speed | 12m/s | | | 11m/s | | | | | 10m/s | |
| Safe wind speed | ≤50m/s | | | | | | | | | |
| Blade diameter/height（ m） | 1.55/2.4 | 2/3 | 2.2/4.2 | 3.9/5 | | 4.65/7 | | 5.8/10 | 6.65/15 | 9/25 |
| Number of blades | 5 | | | | | | | | | |
| Blade material | Aluminum alloy | | | | | | | | | |
| Fuselage material | Aluminum alloy | | cast iron | | | | | | | |
| Magnetic steel material | NdFeB | | | | | | | | | |
| Generator type | Three -phase AC external rotor generator | | | | | | | | | |
| Control mode | Electromagnetic brakes | | | | | | | | | |
| Wind direction adjustment | 360° automatic windward wind | | | | | | | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | | | | | | | |
| Net weight（kg） | 150 | 280 | 650 | | ≈ 1.3t | | - | | | |
| Packing size （ m） | 2.5\*0.33\*0.32+  1.1\*0.4\*0.48 | 1.5\*0.5\*0.5+  3.1\*0.4\*0.4 | 4.25\*0.32\*0.52  1.3\*0.66\*0.67+  2.3\*0.6\*0.6 | | - | | | | | |

****

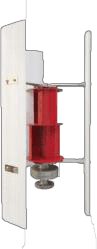
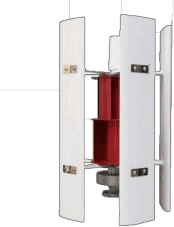
Type H530 plus

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | H530-400 | H530-500 | H530-600 | H530 -800 | H530 -1000 | H530-1500 |
| Rated power | 400W | 500W | 600W | 800W | 1000W | 1500W |
| Rated voltage | 12V/24V/48V | | | | 24V/48V/96V | |
| Start the wind speed | 2.5m/s | | | | | |
| Rated wind speed | 11m/s | | | | | |
| Safe wind speed | ≤50m/s | | | | | |
| Blade diameter/height（ m） | 0.95\*1.3 | 0.95\*1.4 | 1.16\*1.6 | 1.16\*1.8 | 1.35\*2 | 1.67\*2.2 |
| Number of blades | 5 high-speed blades+Assist the wind wheel | | | | | |
| Blade material | Aluminum alloy | | | | | |
| Fuselage material | Aluminum alloy | | | | | |
| Magnetic steel material | NdFeB | | | | | |
| Generator type | Three -phase AC external rotor generator | | | | | |
| Control mode | Electromagnetic brakes | | | | | |
| Wind direction adjustment | 360° automatic windward wind | | | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | | | |
| Net weight（kg） |  |  |  |  |  |  |
| Packing size（ m） | 1\*0.34\*0.38+  1.3\*0.25\*0.3 | 1\*0.34\*0.38+  1.4\*0.25\*0.3 | 1.5\*0.5\*0.6+  1.65\*0.3\*0.3 | 1.5\*0.5\*0.6+  1.85\*0.3\*0.3 | 1.6\*0.5\*0.5+  2.05\*0.31\*0.31 | 1.6\*0.7\*0.81+  2.25\*0.32\*0.32 |

****

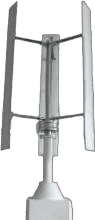
Type H530 plus

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | H530-2000 | H530-3000 | H530-5000 | H530 -10K | H530 -20K | H530-30K |
| Rated power | 2000W | 3000W | 5000W | 10KW | 20KW | 30KW |
| Rated voltage | 48V/96V/120V/220V/380V | | | 220V/380V/480V… … | | |
| Start the wind speed | 2.5m/s | | | | | |
| Rated wind speed | 11m/s | | | | | |
| Safe wind speed | ≤50m/s | | | | | |
| Blade diameter/height（ m） | 2.1/3.2 | 2.63\*4.2 | 3.15\*5 | 4.25\*6.8 | 6.05\*9.5 | 7.5\*11.5 |
| Number of blades | 5 high-speed blades+Assist the wind wheel | | | | | |
| Blade material | Aluminum alloy | | | | | |
| Fuselage material | Aluminum alloy | | cast iron | | | |
| Magnetic steel material | NdFeB | | | | | |
| Generator type | Three -phase AC external rotor generator | | | | | |
| Control mode | Electromagnetic brakes | | | | | |
| Wind direction adjustment | 360° automatic windward wind | | | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | | | |
| Net weight（kg） |  |  | 850kg |  |  |  |
| Packing size（ m） |  |  | 3.25\*1\*1+  5\*0.7\*0.8+  1.7\*0.6\*0.35 |  |  |  |



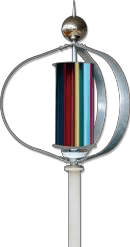
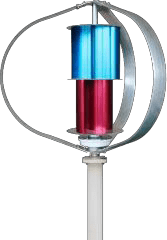
Type HS530 Type HS310

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | HS-100 | HS-200 | HS-300 | HS-400 |
| Rated power | 100W | 200W | 300W | 400W |
| Rated voltage | 12V/24V | | | |
| Start the wind speed | 1.5m/s | | | |
| Rated wind speed | 12m/s | | | |
| Safe wind speed | ≤50m/s | | | |
| Fan blade diameter/height | 0.55m/0.8m | | | |
| Number of blades | 3/5 | | | |
| Blade material | nylon | | | |
| Fuselage material | Aluminum alloy | | | |
| Magnetic steel material | NdFeB | | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | | |
| Control mode | Electromagnetic brakes | | | |
| Wind direction adjustment | 360° automatic windward wind | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | |
| Net weight/gross weight | 9.5kg/10.5kg | 10kg/11kg | 10.5kg/11.5kg | 11kg/12kg |
| Packing size | 86\*38\*20cm | | | |



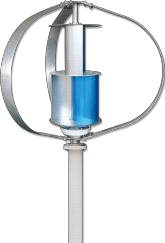
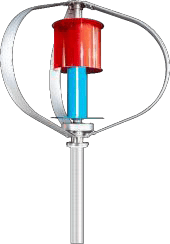
**Type HLK33**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | HLK33 -400 | HLK33 -500 | HLK33 -600 | HLK33 -800 | HLK33 -1000 | HLK33 -1500 |
| Rated power | 400w | 500w | 600w | 800w | 1000w | 1500w |
| Rated voltage | 12V/24V/48v/96v | | | | | |
| Start the wind speed | 2.5m/s | | | | | |
| Rated wind speed | 12m/s | | | | | |
| Safe wind speed | ≤50m/s | | | | | |
| Blade diameter/height（ m） | 0.78\*1.3 | 0.78\*1.4 | 0.95\*1.6 | 0.95\*1.8 | 1.16\*2 | 1.35\*2.2 |
| Number of blades | 3 | | | | | |
| Blade material | Aluminum alloy | | | | | |
| Fuselage material | Aluminum alloy | | | | | |
| Magnetic steel material | NdFeB | | | | | |
| Generator type | Three -phase AC External rotor generator | | | | | |
| Control mode | Electromagnetic brakes | | | | | |
| Winddirection adjustment | Automatic windward | | | | | |
| Design life | 25 years | | | | | |
| Degree of protection | IP54 | | | | | |



**Type Q1 Type Q2**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Q1/Q2 -100 | Q1/Q2 -200 | Q1/Q2 -300 |
| Rated power | 100W | 200W | 300W |
| Rated voltage | 12V/24V | | |
| Start the wind speed | 2m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 1\*0.9 | | |
| Number of blades | 3 high-speed blades+Assist the wind wheel | | |
| Blade material | Aluminum alloy | | |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight | 16kg/17kg | 16.5kg/17.5kg | 17kg/18kg |
| Packing size | 910\*330\*330mm+900\*500\*100mm | | |



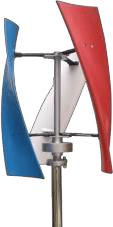
**Type Q4max Type Q5max**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Q4-400 | Q4-500 | Q5-600 | Q5-800 | Q5-1000 |
| Rated power | 400W | 500W | 600W | 800W | 1000W |
| Rated voltage | 12V/24V/48V | | 24V/48V/96V | | |
| Start the wind speed | 2m/s | | | | |
| Rated wind speed | 12m/s | | | | |
| Safe wind speed | ≤50m/s | | | | |
| Fan blade diameter/height | 1.15m/1m | | 1.3m/1.2m | | 1.6m/1.5m |
| Number of blades | 3 high-speed blades+Assist the wind wheel | | | | |
| Blade material | Aluminum alloy | | | | |
| Fuselage material | Aluminum alloy | | | | |
| Magnetic steel material | NdFeB | | | | |
| Generator type | Three -phase AC external rotor generator | | | | |
| Control mode | Electromagnetic brakes | | | | |
| Wind direction adjustment | 360° automatic windward wind | | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | | |
| Net weight/gross weight | 26kg/28kg | 28kg/30kg | 40kg/50kg | 45kg/55kg | 85kg/100kg |
| Packing size | 1.13\*0.43\*0.43m+0.97\*0.12\*0.66m | | 1.22\*0.5\*0.6m+1.2\*0.6\*0.1m | | 1.6\*0.7\*0.7m+  1.5\*0.8\*0.1 |

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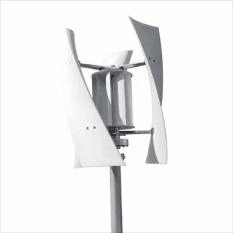
**Type Q10max**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Q10-1500 | Q10-2000 | Q10-3000 | Q10 -5000 |
| Rated power | 1500W | 2000W | 3000W | 5000W |
| Rated voltage | 48V/96V/120V/220V/380V | | | |
| Start the wind speed | 2.5m/s | | | |
| Rated wind speed | 12m/s | | | |
| Safe wind speed | ≤50m/s | | | |
| Fan blade diameter/height | 2m/1.9m | 2.5m/2.4m | 3m/2.9m | 3.6m/3.5m |
| Number of blades | 3 high-speed blades+Assist the wind wheel | | | |
| Blade material | Aluminum alloy | | | |
| Fuselage material | Aluminum alloy | | | |
| Magnetic steel material | NdFeB | | | |
| Generator type | Three -phase AC external rotor generator | | | |
| Control mode | Electromagnetic brakes | | | |
| Wind direction adjustment | 360° automatic windward wind | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | |
| Net weight/gross weight |  | 200kg/270kg |  |  |
| Packing size | 2\*0.7\*0.7m+  1.5\*1\*0.15m | 2.4\*0.85\*0.85m+  2\*1.4\*0.2m | 3.2\*1.03\*1.14m+  2.5\*1.5\*0.25m | 3.8\*1.2\*1.3m+  3\*2\*0.3m |



**Type X3 Type X3plus**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | X3-100 | X3-200 | X3-300 | X3 -400 |
| Rated power | 100W | 200W | 300W | 400W |
| Rated voltage | 12V/24V | | | |
| Start the wind speed | 2m/s | | | |
| Rated wind speed | 12m/s | | | |
| Safe wind speed | ≤50m/s | | | |
| Fan blade diameter/height | 0.55m/0.75m | | | |
| Number of blades | 3 | | | |
| Blade material | nylon | | | |
| Fuselage material | Aluminum alloy | | | |
| Magnetic steel material | NdFeB | | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | | |
| Control mode | Electromagnetic brakes | | | |
| Wind direction adjustment | 360° automatic windward wind | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | |
| Net weight/gross weight | 9kg/10kg | 9.5kg/10.5kg | 10kg/11kg | 11kg/12kg |
| Packing size | 86\*38\*20cm | | | |



**Type X5 Type X5 plus**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | X5 -400 | X5-500 | X5-600 |
| Rated power | 400W | 500W | 600W |
| Rated voltage | 12V/24V/48V | | |
| Start the wind speed | 2m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 0.65m/0.9m | | |
| Number of blades | 3 | | |
| Blade material | nylon | | |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service lifeDegree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight | 20kg/21kg | 21kg/22kg | 22kg/23kg |
| Packing size | 106\*27\*49cm | | |

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**Type X9**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | X9 -800 | X9-1000 | X9-1500 |
| Rated power | 800W | 1000W | 1500W |
| Rated voltage | 24V/48V/96V | | |
| Start the wind speed | 2m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 0.8m/1.5m | | 1.1m/1.65m |
| Number of blades | 3 | | |
| Blade material | Reinforced FRP | | Aluminum alloy |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight |  |  |  |
| Packing size | 100\*37\*41cm+220\*30\*50cm | | 100\*52\*57cm+220\*30\*50cm |

****

Small spiral type - permanent magnet

|  |  |  |
| --- | --- | --- |
| Model | SSV-100 | SSV-200 |
| Rated power | 100W | 200W |
| Rated voltage | 12V/24V | |
| Start the wind speed | 1.5m/s | |
| Rated wind speed | 12m/s | |
| Safe wind speed | ≤50m/s | |
| Fan blade diameter/height | 0.4m/0.7m | |
| Number of blades | 2 | |
| Blade material | Aluminum alloy | |
| Fuselage material | Aluminum alloy | |
| Magnetic steel material | NdFeB | |
| Generator type | Three -phase AC permanent magnet generator | |
| 控制方式Control mode | Electromagnetic brakes | |
| Wind direction adjustment | 360° automatic windward wind | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | |
| Net weight/gross weight | 8kg/9kg | 9kg/10kg |
| Packing size | 73\*22\*20cm | |



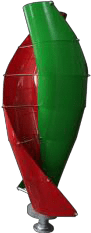
Small spiral type - permanent magnet levitation generator

|  |  |  |  |
| --- | --- | --- | --- |
| Model | SV-100 | SV-200 | SV-300 |
| Rated power | 100W | 200W | 300W |
| Rated voltage | 12V/24V | | |
| Start the wind speed | 1.5m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 0.5m/1m | | 0.5m/1.15m |
| Number of blades | 10/2 | | 12 |
| Blade material | Aluminum alloy | | |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight | 13kg/14kg | 14kg/15kg | 16kg/17kg |
| Packing size | 1000\*260\*260mm | | 1200\*260\*260mm |



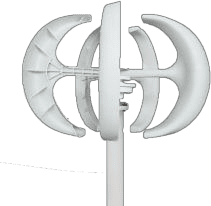
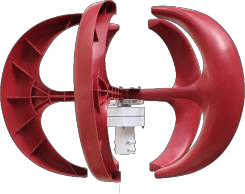
Lager spiral type - ermanent magnet levitation generator

|  |  |  |  |
| --- | --- | --- | --- |
| Model | SV-200 | SV-300 | SV-400 |
| Rated power | 200W | 300W | 400W |
| Rated voltage | 12V/24V | | |
| Start the wind speed | 1.5m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 0.65m/1.25m | | 0.65m/1.45m |
| Number of blades | 10 | | 12 |
| Blade material | Aluminum alloy | | |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight | 21kg/22kg | 22kg/23kg | 26kg/27kg |
| Packing size | 1470\*270\*270mm | | 1620\*270\*270mm |



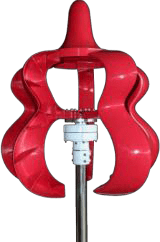
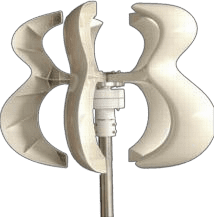
Type V/Lager spiral type - ermanent magnet levitation generator

|  |  |  |  |
| --- | --- | --- | --- |
| Model | V-800 | V-1000 | V-1500 |
| Rated power | 800W | 1000W | 1500W |
| Rated voltage | 24V/48V/96V | | |
| Start the wind speed | 2m/s | | |
| Rated wind speed | 12m/s | | |
| Safe wind speed | ≤50m/s | | |
| Fan blade diameter/height | 0.8m/1.85m | | 0.8m/2.15m |
| Number of blades | 10 | | 12 |
| Blade material | Aluminum alloy | | |
| Fuselage material | Aluminum alloy | | |
| Magnetic steel material | NdFeB | | |
| Generator type | Three -phase AC permanent magnet levitation generator | | |
| Control mode | Electromagnetic brakes | | |
| Wind direction adjustment | 360° automatic windward wind | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | |
| Net weight/gross weight | 65kg/75kg | 70kg/80kg | 80kg/90kg |
| Packing size | 1900\*380\*320mm | | 2200\*380\*320mm |



Red Lantern Type White Lantern Type- permanent magnet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R-50 | R-100 | R-200 | R-300 |
| Rated power | 50W | 100W | 200W | 300W |
| Rated voltage | 12V/24V | | | |
| Start the wind speed | 1.5m/s | | | |
| Rated wind speed | 12m/s | | | |
| Safe wind speed | ≤50m/s | | | |
| Fan blade diameter/height | 0.9m/0.6m | | | |
| Number of blades | 5/4 | | | |
| Blade material | nylon | | | |
| Fuselage material | Aluminum alloy | | | |
| Magnetic steel material | NdFeB | | | |
| Generator type | Three -phase AC permanent magnet generator | | | |
| Control mode | Electromagnetic brakes | | | |
| Wind direction adjustment | 360° automatic windward wind | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | |
| Net weight/gross weight | 9kg/10kg | 9.5kg/10.5kg | 10kg/11kg | 11kg/12kg |
| Packing size | 61\*44\*30cm | | | |



Type HL Type BHL-treasure gourd

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | HL-50 | HL-100 | HL-200 | HL-300 |
| Rated power | 50W | 100W | 200W | 300W |
| Rated voltage | 12V/24V | | | |
| Start the wind speed | 1.5m/s | | | |
| Rated wind speed | 12m/s | | | |
| Safe wind speed | ≤50m/s | | | |
| Fan blade diameter/height | HL=0.8m/0.65mBHL=0.8m/0.85m | | | |
| Number of blades | 5 | | | |
| Blade material | nylon | | | |
| Fuselage material | Aluminum alloy | | | |
| Magnetic steel material | NdFeB | | | |
| Generator type | Three -phase AC permanent magnet generator | | | |
| Control mode | Electromagnetic brakes | | | |
| Wind direction adjustment | 360° automatic windward wind | | | |
| Service life/Degree of protection | ≥ 20 yearsIP54 | | | |
| Net weight/gross weight | 9kg/10kg | 9.5kg/10.5kg | 10kg/11kg | 11kg/12kg |
| Packing size | BHL=60\*38\*38cmHL=60\*38\*33cm | | | |