



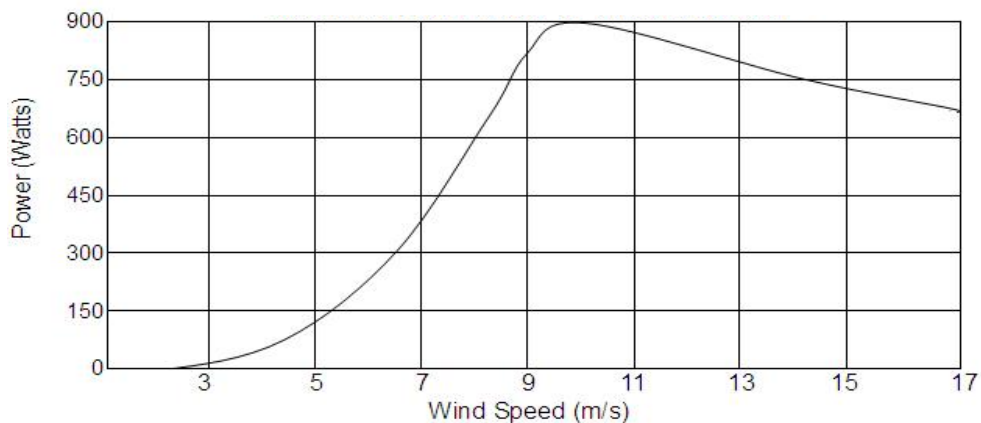
| AVERAGE WIND SPEED | | | |
|-----------------------------|-----|--|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 54 kWh |
| 11 | 5.0 | 18 | 94 kWh |
| 13.4 | 6.0 | 21.6 | 162 kWh |
| 18 | 8.0 | 28.8 | 432 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | | ZH750W | |
| ROTOR DIAMETER, METERS/FEET | | 2.7/8.7 | |
| SWEPT AREA, SQM/ SQFT | | 5.7/60 | |
| NUMBER OF BLADES | | 3 | |
| BLADE MATERIAL | | FIBRE GLASS REINFORCED | |
| RATED POWER, WATTS | | 750 | |
| @RATED WIND, M/S / MPH | | 9/20 | |
| PEAK POWER @ 12.5 M/S | | 900 | |
| CUT-IN WIND, M/S / MPH | | 2.5/5.6 | |
| OUTPUT FORM | | 24VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | |
| BLADE PITCH CONTROL | | NONE, FIXED PITCH | |
| NOISE | | 40DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | |
| OVERSPEED PROTECTION | | AUTOFURL | |
| GENERATOR | | PERMANENT MAGNET ALTERNATOR | |
| TOWER TOP WEIGHT | | 65KG. | |
| LATERAL THRUST | | 7KN at 50m/s | |

750 Watts @ 9 m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt



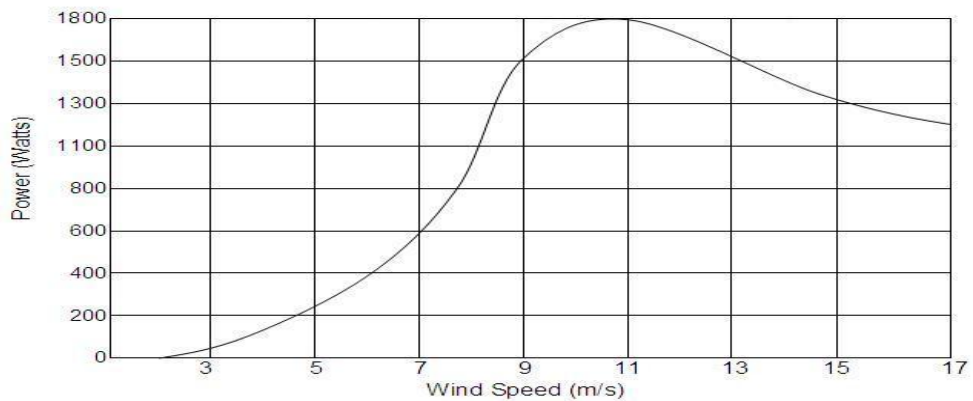
| AVERAGE WIND SPEED | | | |
|-----------------------------|-----|--|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 72 kWh |
| 11 | 5.0 | 18 | 158 kWh |
| 13.4 | 6.0 | 21.6 | 288 kWh |
| 18 | 8.0 | 28.8 | 576 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | | ZH1.5KW | |
| ROTOR DIAMETER, METERS/FEET | | 3.2/10.5 | |
| SWEPT AREA, SQM/ SQFT | | 8.1/86.6 | |
| NUMBER OF BLADES | | 3 | |
| BLADE MATERIAL | | FIBRE GLASS REINFORCED | |
| RATED POWER, WATTS | | 1500 | |
| @RATED WIND, M/S / MPH | | 9/20 | |
| PEAK POWER @ 12.5 M/S | | 1800 | |
| CUT-IN WIND, M/S / MPH | | 2.5/5.6 | |
| OUTPUT FORM | | 24VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | |
| BLADE PITCH CONTROL | | NONE, FIXED PITCH | |
| NOISE | | 45DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | |
| OVERSPEED PROTECTION | | AUTOFURL | |
| GENERATOR | | PERMANENT MAGNET ALTERNATOR | |
| TOWER TOP WEIGHT | | 78KG. | |
| LATERAL THRUST | | 9.8KN at 50m/s | |

1500 Watts @ 9 m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt



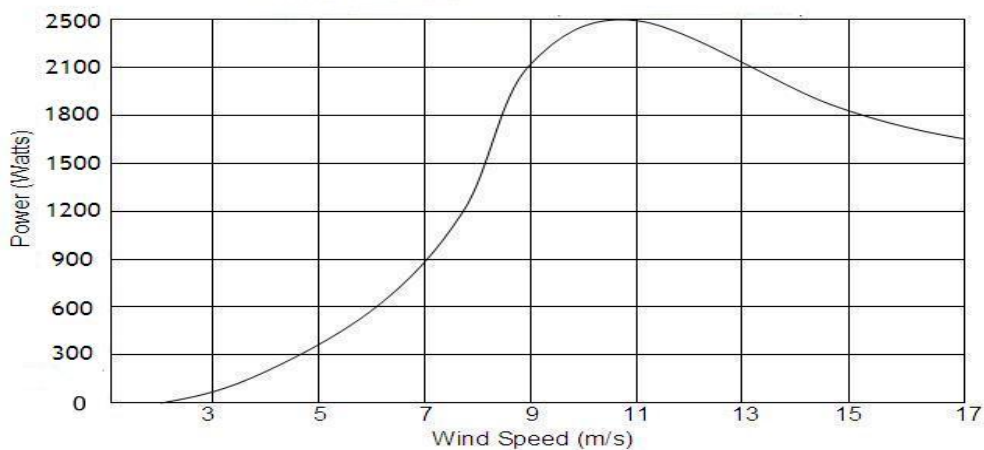
| AVERAGE WIND SPEED | | | |
|-----------------------------|-----|--|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 108 kWh |
| 11 | 5.0 | 18 | 252 kWh |
| 13.4 | 6.0 | 21.6 | 432 kWh |
| 18 | 8.0 | 28.8 | 1080 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | | ZH2KW | |
| ROTOR DIAMETER, METERS/FEET | | 3.6/11.8 | |
| SWEPT AREA, SQM/ SQFT | | 10.2/109 | |
| NUMBER OF BLADES | | 3 | |
| BLADE MATERIAL | | FIBRE GLASS REINFORCED | |
| RATED POWER, WATTS | | 2000 | |
| @RATED WIND, M/S / MPH | | 9/20 | |
| PEAK POWER @ 12.5 M/S | | 2500 | |
| CUT-IN WIND, M/S / MPH | | 3/6.7 | |
| OUTPUT FORM | | 48VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | |
| BLADE PITCH CONTROL | | NONE, FIXED PITCH | |
| NOISE | | 45DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | |
| OVERSPEED PROTECTION | | AUTOFURL | |
| GENERATOR | | PERMANENT MAGNET ALTERNATOR | |
| TOWER TOP WEIGHT | | 88KG. | |
| LATERAL THRUST | | 12.5kN at 50m/s | |

2000 Watts @ 9 m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt



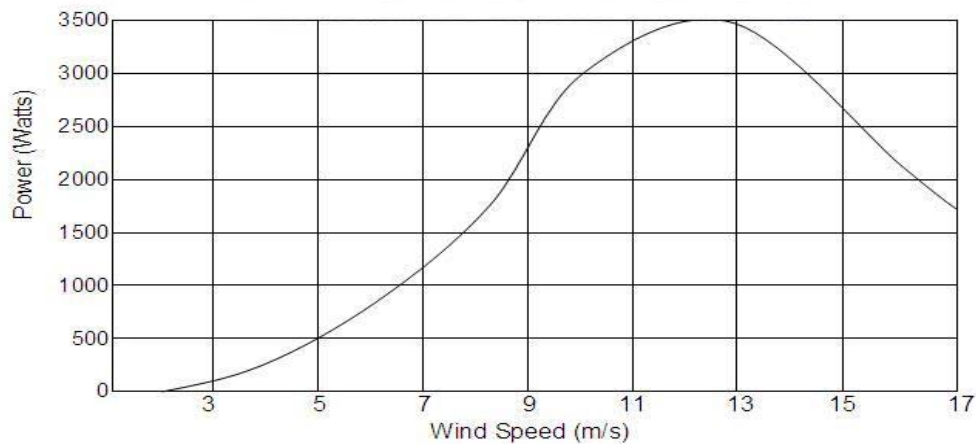
| AVERAGE WIND SPEED | | | |
|-----------------------------|-----|--|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 180 kWh |
| 11 | 5.0 | 18 | 360 kWh |
| 13.4 | 6.0 | 21.6 | 540 kWh |
| 18 | 8.0 | 28.8 | 1152 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | | ZH3KW | |
| ROTOR DIAMETER, METERS/FEET | | 4.0/13.12 | |
| SWEPT AREA, SQM/ SQFT | | 12.6/135 | |
| NUMBER OF BLADES | | 3 | |
| BLADE MATERIAL | | FIBRE GLASS REINFORCED | |
| RATED POWER, WATTS | | 3000 | |
| @RATED WIND, M/S / MPH | | 10/22.3 | |
| PEAK POWER @ 12.5 M/S | | 3500 | |
| CUT-IN WIND, M/S / MPH | | 3/6.7 | |
| OUTPUT FORM | | 24VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | |
| BLADE PITCH CONTROL | | NONE, FIXED PITCH | |
| NOISE | | 45DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | |
| OVERSPEED PROTECTION | | AUTOFURL | |
| GENERATOR | | PERMANENT MAGNET ALTERNATOR | |
| TOWER TOP WEIGHT | | 105KG. | |
| LATERAL THRUST | | 15.4KN at 50m/s | |

3000 Watts @ 10m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt



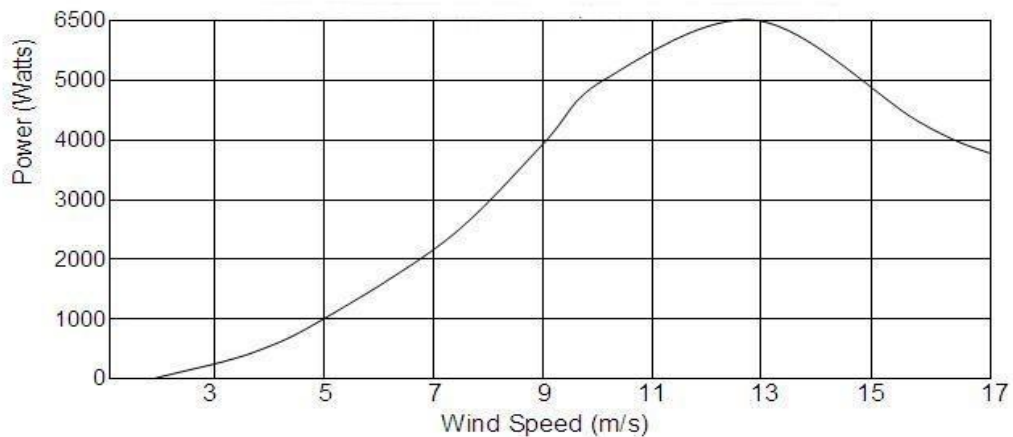
| AVERAGE WIND SPEED | | | |
|-----------------------------|--|------|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 360 kWh |
| 11 | 5.0 | 18 | 720 kWh |
| 13.4 | 6.0 | 21.6 | 1080 kWh |
| 18 | 8.0 | 28.8 | 2160 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | ZH5KW | | |
| ROTOR DIAMETER, METERS/FEET | 6.0/20 | | |
| SWEPT AREA, SQM/ SQFT | 28/314 | | |
| NUMBER OF BLADES | 3 | | |
| BLADE MATERIAL | FIBRE GLASS REINFORCED | | |
| RATED POWER, WATTS | 5000 | | |
| @RATED WIND, M/S / MPH | 10/22.3 | | |
| PEAK POWER @ 12.5 M/S | 6500 | | |
| CUT-IN WIND, M/S / MPH | 3/6.7 | | |
| OUTPUT FORM | 48VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | | |
| BLADE PITCH CONTROL | NONE, FIXED PITCH | | |
| NOISE | 55DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | | |
| OVERSPEED PROTECTION | AUTOFURL | | |
| GENERATOR | PERMANENT MAGNET ALTERNATOR | | |
| TOWER TOP WEIGHT | 327KG. | | |
| LATERAL THRUST | 24kN at 50m/s | | |

5000 Watts @ 10m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt



| AVERAGE WIND SPEED | | | |
|-----------------------------|--|------|--------------------|
| MPH | M/S | KMPH | MONTHLY GENERATION |
| 9 | 4.0 | 14.4 | 720 kWh |
| 11 | 5.0 | 18 | 1440 kWh |
| 13.4 | 6.0 | 21.6 | 2160 kWh |
| 18 | 8.0 | 28.8 | 3600 kWh |
| | | | Weibul k = 2 |
| SPECIFICATION | | | |
| MODEL | ZH10KW | | |
| ROTOR DIAMETER, METERS/FEET | 7.0/23 | | |
| SWEPT AREA, SQM/ SQFT | 38.5/415 | | |
| NUMBER OF BLADES | 3 | | |
| BLADE MATERIAL | FIBRE GLASS REINFORCED | | |
| RATED POWER, WATTS | 10000 | | |
| @RATED WIND, M/S / MPH | 11/24.6 | | |
| PEAK POWER @ 12.5 M/S | 15000 | | |
| CUT-IN WIND, M/S / MPH | 3/6.7 | | |
| OUTPUT FORM | 120VDC NOMINAL (HIGHER VOLTAGE OPTIONAL) | | |
| BLADE PITCH CONTROL | NONE, FIXED PITCH | | |
| NOISE | 60DB(A) FROM 50M WITH A WIND SPEED OF 8M/S | | |
| OVERSPEED PROTECTION | AUTOFURL | | |
| GENERATOR | PERMANENT MAGNET ALTERNATOR | | |
| TOWER TOP WEIGHT | 980KG. | | |
| LATERAL THRUST | 47kN at 50m/s | | |

10000 Watts @ 11m/s



Features

- Whisper quiet
- Neo magnets for long life
- High output for low winds
- Unique angle governing
- Sustained output in high winds
- Stainless steel components
- Lowest cost per watt

