



Shenzhen TYPMAR Wind Energy Technology Co., Ltd.

MAGLEV WIND TURBINE TECHNICAL SPECIFICATION

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|---------------------------|--|----------------|----------------|----------------|----------------|----------------|
| Model Number | CXF-300 | CXF-400 | CXF-600 | CXF-1000 | CXF-3000 I | CXF-3000 II |
| Rated Power | 300W | 400W | 600W | 1000W | 3000W | 3000W |
| Size (Diameter/Height) | 1240MM/1080MM | 1240MM/1120MM | 1700MM/1470MM | 2500MM/2300MM | 3500MM/3370MM | 4600MM/4200MM |
| Turbine Weight | 27KG | 29KG | 50KG | 180KG | 510KG | 790KG |
| Blades Material | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy |
| Blades Number | 3 | 3 | 3 | 3 | 3 | 3 |
| Start-up wind speed | 1.3m/s | 1.3m/s | 1.3m/s | 1.5m/s | 2m/s | 3m/s |
| Cut-in wind speed | 2.7m/s | 2.7m/s | 3m/s | 3.5m/s | 3.5m/s | 4m/s |
| Rated wind speed | 12m/s | 12m/s | 13m/s | 13m/s | 13m/s | 13m/s |
| Cut out wind speed | 15m/s | 15m/s | 15m/s | 15m/s | 15m/s | 15m/s |
| Survival wind speed | 65m/s | 65m/s | 50m/s | 50m/s | 50m/s | 50m/s |
| Generator type | 3 phase AC | 3 phase AC | 3 phase AC | 3 phase AC | 3 phase AC | 3 phase AC |
| Controller output voltage | 12V or 24V | 12V or 24V | 24V or 48V | 48V | 48V | 96V |
| Controller output current | <20Amp | <20Amp | <30Amp | <50Amp | <130Amp | <130Amp |
| Controller brake system | Over speed automatic 3 phase short-circuit braking | | | | | |
| Ambient temperature | -40~50 °C | | | | | |