

Turbine eoliche verticali serie MAGLEV

Vertical wind turbine MAGLEV series

| PARAMETER | MAGLEV WIND TURBINE MODEL NUMBER | | | | |
|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | CXF400 | CXF600 | CXF1000 | CXF2000 | CXF3000 |
| Rated Power | 400W | 600W | 1000W | 2000W | 3000W |
| Size (Height / Diameter) | 1.2/1.06 (M) | 1.55/1.06 (M) | 1.80/1.95 (M) | 2.2/3.25 (M) | 2.6/2.8 (M) |
| Turbine Weight | 25KG | 30KG | 86KG | 120KG | 140KG |
| Blades Material | aluminum alloy | aluminum alloy | aluminum alloy | aluminum alloy | aluminum alloy |
| Minimum Start Wind Speed | 1m/s | 1m/s | 1.5m/s | 2m/s | 2m/s |
| Minimum Power Generation Wind Speed | 1m/s | 1m/s | 2m/s | 2m/s | 2.5m/s |
| Minimum Charge Wind Speed | 2.5m/s | 2.5m/s | 2.5m/s | 2.5m/s | 3.5m/s |
| Rated Wind Speed | 8m/s | 8m/s | 9m/s | 9m/s | 10m/s |
| Cut out Wind Speed | 15m/s | 15m/s | 15m/s | 15m/s | 15m/s |
| Survival Wind Speed | 65m/s | 65m/s | 60m/s | 60m/s | 60m/s |
| Generator Type | AC, 3 phases | AC, 3 phases | AC, 3 phases | AC, 3 phases | AC, 3 phases |
| Controller Output Voltage | 12V | 12V or 24V | 48V | 96V | DC 48V or AC 220V |
| Controller Output Current | <20Amp | <20Amp | <50Amp | <80Amp | <130Amp |
| Controller Braking System | 3-Phase short circuit by NFB brake | 3-Phase short circuit by NFB brake | 3-Phase short circuit by NFB brake | 3-Phase short circuit by NFB brake | 3-Phase short circuit by NFB brake |
| Ambient Temperature | .-30 ~ 50 ℃ | .-30 ~ 50 ℃ | .-30 ~ 50 ℃ | .-30 ~ 50 ℃ | .-30 ~ 50 ℃ |



Generatori verticali Maglev con pale Savonius interne e Darreius esterne per avere i vantaggi di ambedue le tecnologie, partenze con bassi venti, potenza con venti forti.

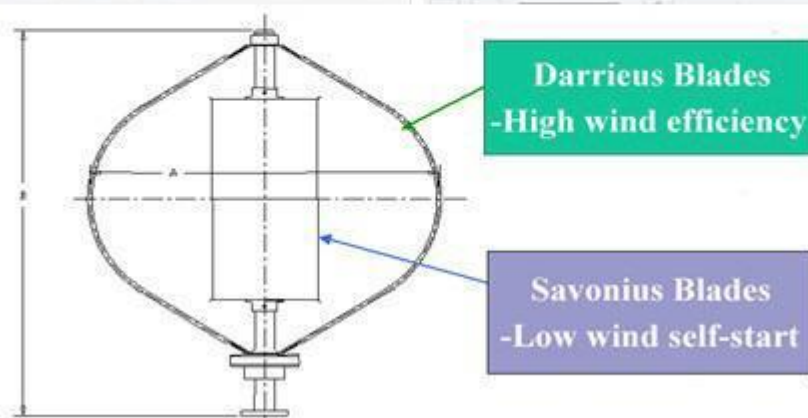
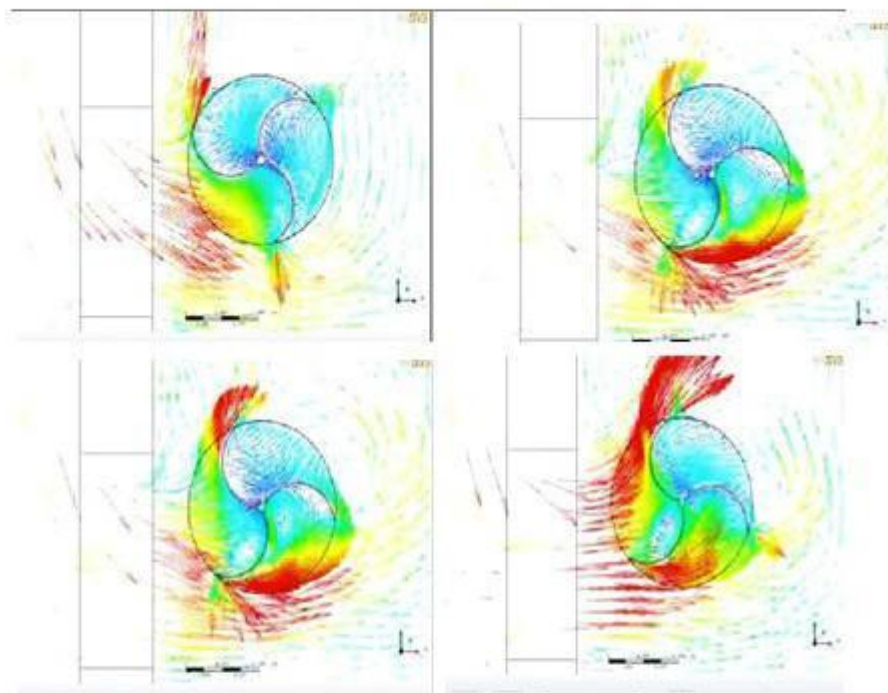
Alternatori a levitazione magnetica senza frizione per ridurre lo sforzo iniziale, il rumore e prolungare la vita della macchina.

Vertical wind turbines Maglev with internal Savonius blades and external Darreius blades for both advantages, low start up and maximum power.

Magnetic levitation alternators for low friction, low start up, low noise and more life time.

Vertical wind turbine MAGLEV in turbulence

Comportamento generatori eolici verticali MAGLEV con turbolenza



POWER CURVE
 CURVE DI POTENZA

