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 ℃


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CXF2000W
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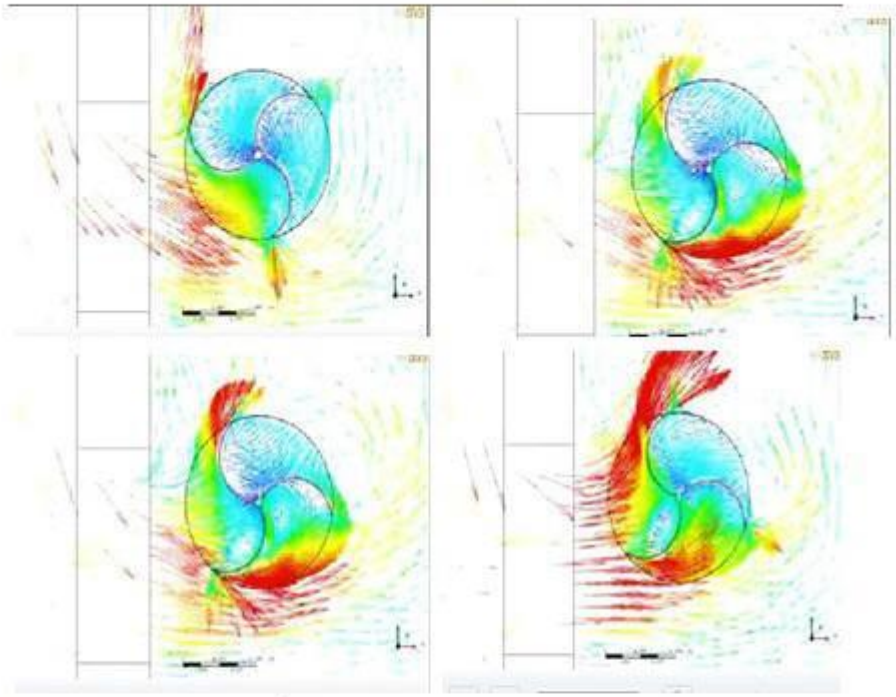
Generatori verticali Maglev con pale Savonius interne e Darreius esterne per avere i vantaggi di ambedue le tecnologie, partenze con bassi venti, potenza con venti forti.

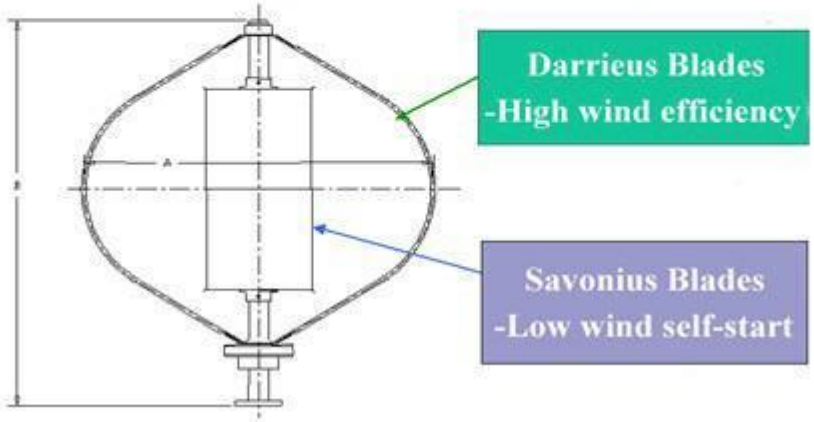
Alternatori a levitazione magnetica senza frizione per ridurre lo sforzo iniziale, il rumore e prolungare la vita della macchina.

Vertical wind turbines Maglev with internal Savonius baldes 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