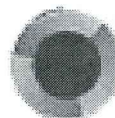


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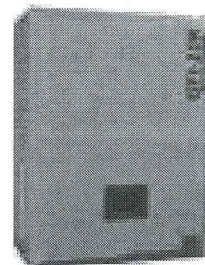
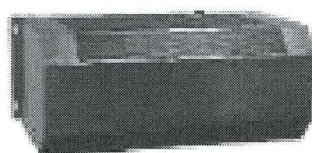
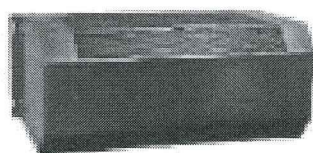
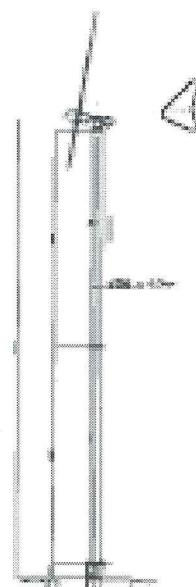
FORTIS
WIND ENERGY
GREAT IN SMALL TURBINES

Fortis Alizé 10kW wind turbine system



Behoort bij besluit van
burgemeester en wethouders
der gemeente DUIVEN
van 20 oktober 2015
Zaaknr. 15SZ0832
Besluitnr. 15BSL-SXO-0607 / 15BW0432

mij bekend;
De secretaris;



Part number	Type	Description
10-1-10	Alizé System Grid-Connected, output: 400VAC 3-phase +N + PE	Configuration with automatic brake switch, GFI-10K grid feed inverter, 4.3" TFT touch display, 2x dump load boxes, Power Curve programming and build in wind data logger for 2 wind sensors.

Fortis Alizé unique features

- Quietest Turbine in the Industry
- Maintenance free
- Over 6,400 Fortis wind turbines installed world wide
- 30 years of Environmentally Friendly design & Manufacturing experience
- Easy installation
- 5 year warranty
- Average lifetime for wind turbine is over 20 years



**FORTIS
WIND ENERGY**

Energy solutions for the future

050 5515 666

Technical Specifications

Max. output	10kW
Output @ 11m/sec	8.5kW
Wind speed:	
cut in	3.0 m/sec.
rated	13m/sec.
survival	60 m/sec.
Rotor blades:	
number	3
diameter	6.3 m / 6.6 m / 6.9 m
area	31.2 m ² / 34.2 m ² / 37.4 m ²
airfoil	NLF 416
tip speed ratio	7
material	Fibreglass-reinforced epoxy
Generator:	
type	Permanent Ne-Fe-Br magnets producing 3 phase AC
RPM operation range	25 -300
voltage	from 100 to 400VAC standard other voltages on request
frequency	0-50 Hz
Other:	
gearbox	none
braking mechanism	short circuit of generator, mechanical by furling the tail 90°
rotor speed control	Inclined hinged vane
output control	voltage control with dump load
rectifiers	built inside controller
hub type	rigid
yaw system	passive aligned by tail vane
rotor position	upwind
tower	guyed steel tubular (height: 12- 30m) free standing tube mast (height: 12 -24m)
Head weight	385 kg

Contact us now for more information

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Your local Fortis partner:

"Company"

Doc1210 1402

type		Simply vertical	Simply vertical	Montana	Montana	Alize
hoogte		11,4 m1	11,4 m1	15 m1	15 m1	15 m1
windsnelheid		6 m/s	7 m/s	4 m/s	5 m/s	4 m/s
jaaroopbrengst in kWh		1.500	2.200	4.730	6.330	8.776