

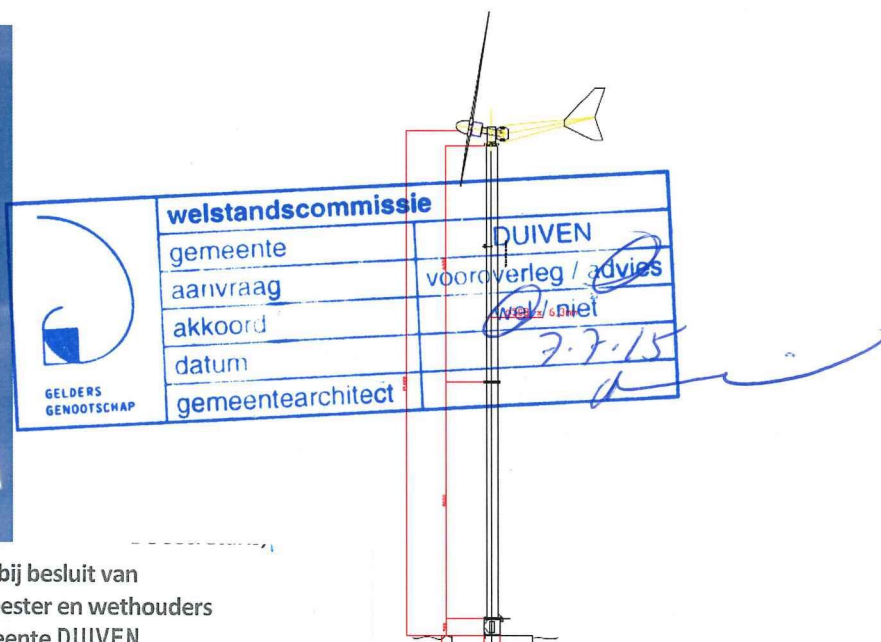
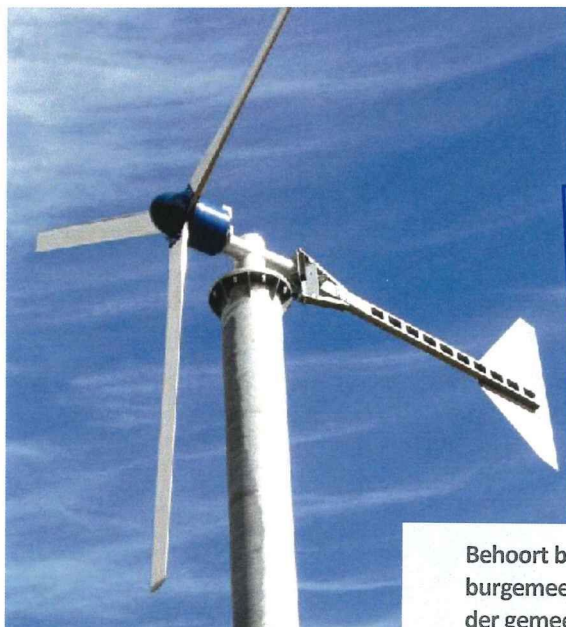
ONTVANGEN 25 JUN 2015

15 SX005209



FORTIS
WIND ENERGY
GREAT IN SMALL TURBINES

Fortis Alizé 10kW wind turbine system



welstandscommissie	
gemeente	DUIVEN
aanvraag	vooroverleg / advies
akkoord	☒ ja / ☐ niet
datum	7-7-15
gemeentearchitect	

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: 230VAC 3-phase+N+PE	Configuration with automatic brake switch, GFI-10K2 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

- Conforms to IEC 61400-2 international standard
- Upwind, direct drive, fixed pitch, overvoltage protection and emergency braking
- Rectifier & Grid Feed Inverter in one housing
- Power curve according to frequency or voltage
- Maintenance free, 5 year warranty, installation by Fortis Certified System Partner
- Average lifetime for Montana-Q is over 20 years
- Made in The Netherlands



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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

FORTIS Wind Energy

Botanicuslaan 14

9751 AC Haren

The Netherlands

Tel.: +31 (0) 50 5515 666

Email: info@fortiswindenergy.com

Your local Fortis partner:

"Company"