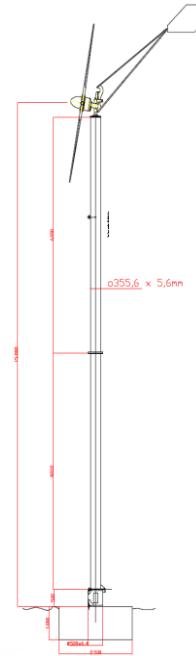




Fortis Montana-Q 6 kW wind turbine system



Part number	Type	Description
6000-1-13	Montana-Q System for On-Grid Output: 3-phase-230VAC+N+PE	Configuration with automatic brake switch, GFI-7K2 grid feed inverter, 4.3" TFT touch display, dump load box, Power Curve programming and build in wind data Logger for 2 wind sensors

Fortis Montana-Q 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



Technical Specifications

Max. output	6000W
Output @ 11m/sec	4.45kW
Wind speed:	
cut in	2.5 m/sec.
rated	12,5m/sec.
survival	60 m/sec.
Rotor blades:	
number	3
diameter	5.25 m
area	21.6 m ²
airfoil	E 387
tip speed ratio	7
material	glass-fibre reinforced epoxy
Generator:	
type	brushless permanent magnet 9-pole
RPM operation range	120 - 450
voltage	from 48 to 500VDC standard other voltages on request
frequency	0-70 Hz
gearbox	none
braking mechanism	Automatic brake switch
rotor speed control	Inclined hinged vane
output control	voltage control with dump load
rectifiers	built inside controller/inverter
hub type	rigid
yaw system	tail vane
rotor position	upwind
guyed tower	guyed steel tubular (height: 12- 24m)
tube tower	free standing tube mast (height: 12 - 24m)
Head weight	200 kg

Contact us now for more information

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“Company”