



REN electron

REN WIND 60

Tutta l'affidabilità di un progetto
pluridecorato e di un partner
con un importante track record nel
mondo delle rinnovabili

*All the reliability of a highly
decorated design and a partner
with a significant track record in the
renewable energy world*

TURBINA / TURBINE

Configurazione: 3 pale, asse orizzontale
Configuration: 3 blades, horizontal axis

Potenza nom.: 60 Kw
Nominal power : 60 Kw

Altezza HUB: 30/36 Mt
Hub height: 30/36 Mt

Peso totale: 21,5 Tons
Total weight: 21,5 Tons

Peso torre: 12/16 Tons
Tower weight: 12/16 Tons

ROTORE / ROTOR

Diametro: 20.9 Mt
Diameter: 20.9 Mt

Area spazzata: 343 Mq
Swept area: 343 Mq

Limitazione pot.: stallo
Power limit: passive stall

DATI OPERATIVI/OPERATING DATA

Velocità di CUT-IN: 3 Mt/sec
Cut-in speed: 3 Mt/sec

Velocità di CUT-OUT: 25 Mt/sec
Cut-out speed: 25 Mt/sec

Velocità di sopravvivenza: 70 Mt/sec
Survival speed: 70 Mt/sec

Velocità del rotore: 39/25.91 Rpm
Rotor speed: 39/25.91 Rpm

GENERATORE / GENERATOR

Tipo: asincrono, due velocità, trifase 4/6 poli
Type: async., 2-speed, three-phase 4/6 pole

Potenza nominale: 60/11 Kw
Nominal power: 60/11 Kw

Volts nominali: 400 V AC - 50 Hz
Nominal volts: 400 V AC - 50 Hz

Velocità nominale: 1520/1010 Rpm
Nominal speed: 1520/1010 Rpm

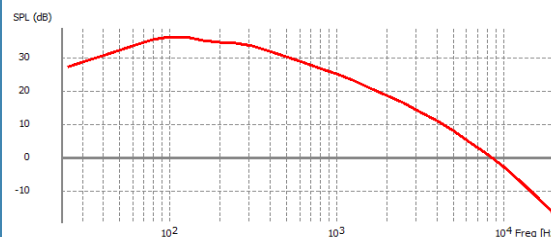
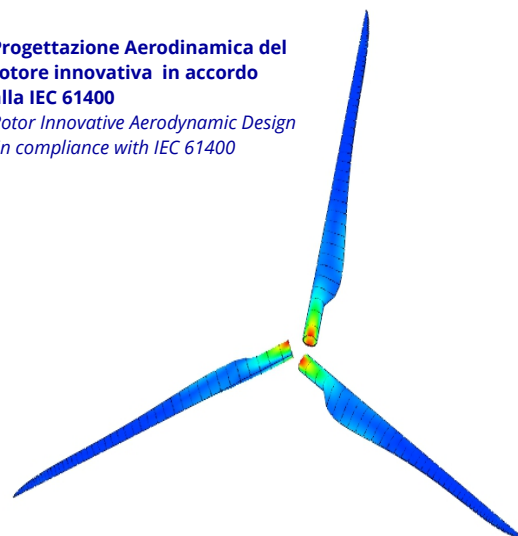
Classe d'isolamento: H
Insulation class: H

Protezione: IP 54
Protection: IP 54

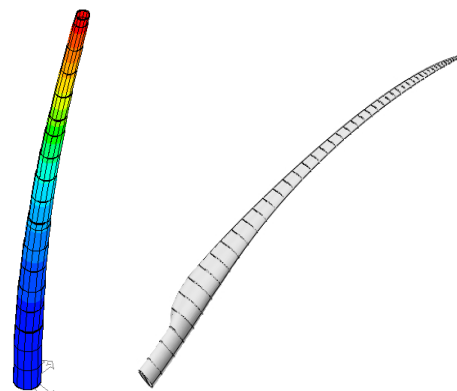
Marcatura CE
CE Conformity



Progettazione Aerodinamica del rotore innovativa in accordo alla IEC 61400
Rotor Innovative Aerodynamic Design in compliance with IEC 61400



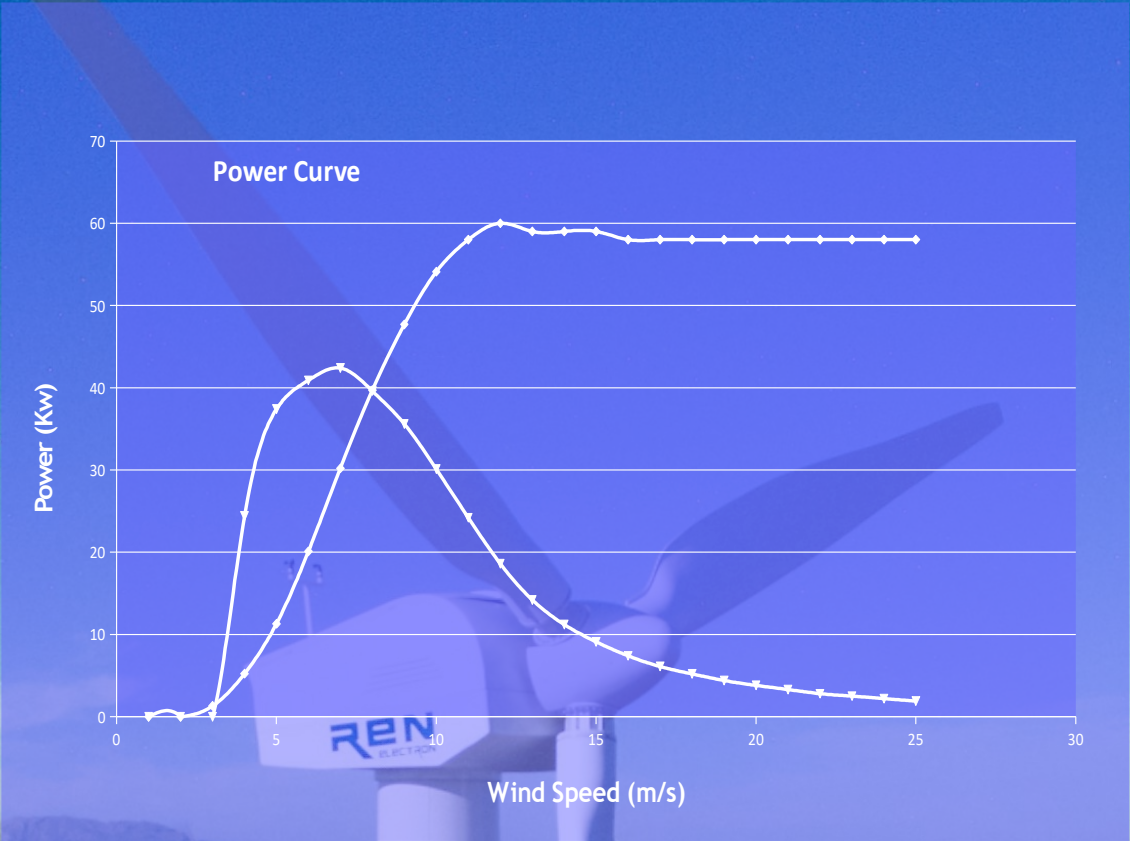
Rumorosità calcolata a 100 m @ 10 m/s
Noise Level at 100 m 10 m/s



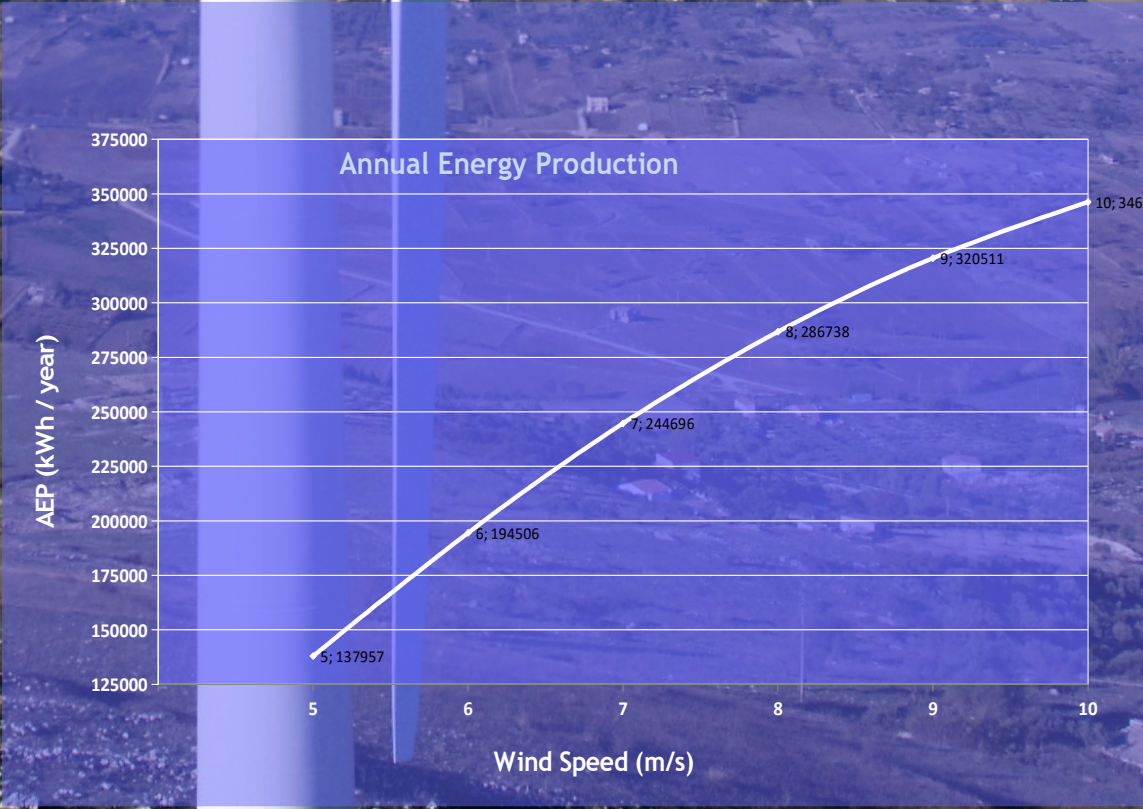
Analisi Strutturale e Dinamica dei componenti della Turbina
Turbine components structural and dynamic analysis

POWER CURVE

REN WIND 60



ANNUAL ENERGY PRODUCTION





REN ELECTRON SRL

SEDE LEGALE ED OPERATIVA

LEGAL HEAD OFFICE

Via dell'Artigianato, 2 scala B
20061 Carugate (MI)
Tel. +39 02 92502993 - +39 02 92502519
Fax +39 02 92502642

FILIALE BRANCH

Via Libero Attardi, 54
92020 Santo Stefano Quisquina (AG)
Tel. +39 0922 982688
Fax +39 0922 691958

REN ELECTRON INDIA PVT LTD

No. 16/11, Vadivel Street,
near Indane Gas Godown,
Jafferkhanpet, Chennai - 600083 - India
Phone: +91-044-43523758

WEBSITE

www.renelectron.com

EMAIL

info@renelectron.com

P. IVA

05466940961

REN
ELECTRON

Disclaimer:
Technical Specification, Power Curve etc. are subject to change
without notice due to continual improvement with no liability
attached to REN ELECTRON SRL.