

GENERATORI SERIE PITCH CONTROLLED
WIND TURBINE PITCH CONTROLLED SERIES
FL5KWPITCH - FL10KWPITCH



10 Kw Pale a passo variabile
10 Kw Variable pitch blades

5 Kw Pale a passo variabile (Puglia)
5 Kw Variable pitch blades (Puglia)



Dati Tecnici modello 10 Kw

Technical details 10 Kw

Rated power/Max. power 10KW/12KW
Rated wind speed 11m/s
Start-up wind speed 2.5m/s
Working wind speed 3~30m/s
Survival wind speed 60m/s
Working voltage DC500V
Speed regulation method Pitch controlled
Stop method Manual brake
Generator style Permanent magnet, three phase, AC
Wind turbine body weight 450kg
Noise level ≤ 65 dB

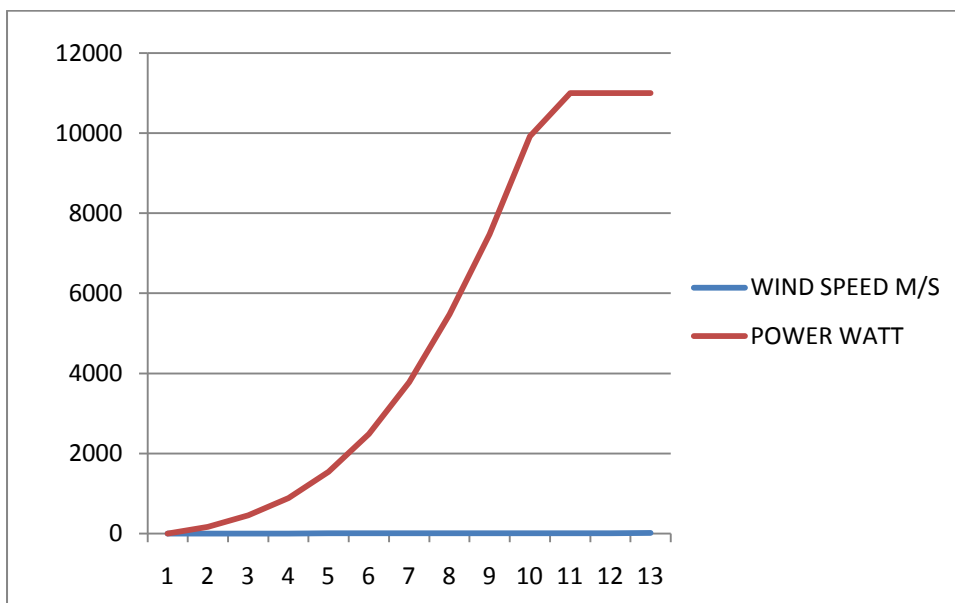
10kW Pitch Controlled On-grid Subsystem Technical Character Wind Rotor Technical Parameter:

Wind Rotor Diameter 7.6m
Structure Style Three Blades, horizontal, windward
Blade Material Reinforced fiber glass
Star-up Torque < 10.5 N. m
Pitch Regulation 220~260
Maximum Rotational Speed < 260 r/min

Generator Technical Parameter:

Condition Parameter
Generator Style Permanent magnet, three phase, AC
Start-up Resisting Moment < 10.5 N · m
Rated Rotational Speed 220r/min
Rated Voltage 500Vdc
Rated Point Efficiency $> 80\%$
Overload Capacity > 1.5 times
Maximum No-load Rotational Speed 1.2 times rated speed

WIND SPEED M/S	2	3	4	5	6	7	8	9	10	11	12	>12
POWER WATT	0	169	460	885	1546	2490	3782	5475	7472	9915	11000	11000



Dati Tecnici modello 5 Kw

Technical details 5 Kw

Rotor Diameter (m) 5.4

Material and number of the blade Reinforced fiber glass*3

Rated power / maximum power 5KW/6KW

Rated wind speed 11 m/s

Rated rotate speed 260 r/min

Startup wind speed 2 m/s

Working wind speed 3-30 m/s

Survived wind speed 60 m/s

Working Voltage (V) DC120V/DC240V

Battery voltage/capacity (Ah) 120V/200Ah 240V/100Ah

Speed regulation method Pitch controlled

Stop method Manual Brake

Generator style Three phase, permanent magnet, AC

AAATower eight/weight 8/450 m/kg

Weight (excluding tower) 400

Noise level (decibel) ≤ 65 dB

WIND SPEED M/S	2	3	4	5	6	7	8	9	10	11	12	>12
POWER WATT	0	100	200	400	900	1500	2100	3000	4200	6000	6000	6000

