

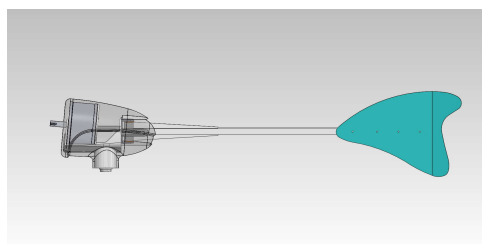
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SAMDORIE- 3kW Wind Turbine Specification

GENERAL FEATURES	
Rated Power	3kW@11 m/s
Cut In	2.5 m/s
IEC Turbine Class	3
Rotor Blade	
Number of blades	3
Rotor Diameter	4.3 m
Swept Area	14.5 m ²
Blade Material	Fiber glass reinforced epoxy
Rotor Position	Upwind
Tip Speed Ratio	7
Twist Angle	12°
Rotor Speed	~ 400 rpm
Over Speed Control(FURLING)	Side Furling (Offset/Mechanical Tail)+ E/B + Short Circuit
Yaw System	Passive(Tail Fin)
Generator	3 φ Permanent Magnet generator
Generator Shaft	Stainless Steel-316
Generator Housing	Aluminum Alloy
CONTROLLER / INVERTER	
Grid Tie Inverter	MPPT for wind speed,
DC Input Voltage	150~500Vdc
Output – Grid Inverter	Single Phase, 200V-240V 60/50 Hz
Tower	
Tower	12 m
Mounting	Flange to Flange



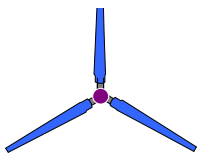
SEOLTECH Co., Ltd.

100-186 Calsan Dong, Dalseo-Ku, Daegu Korea 704-900

Tel: +82-53-580-7400 Fax: +82-53-580-7499

e-mail : rosa@seoltech.com or skywindearth@seoltech.com

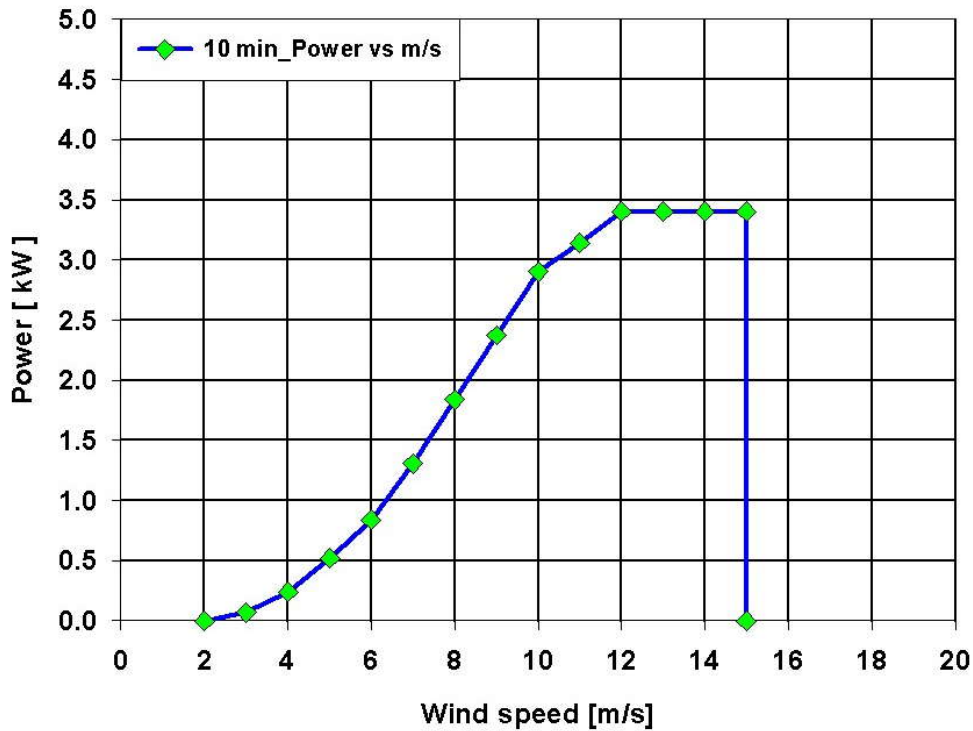




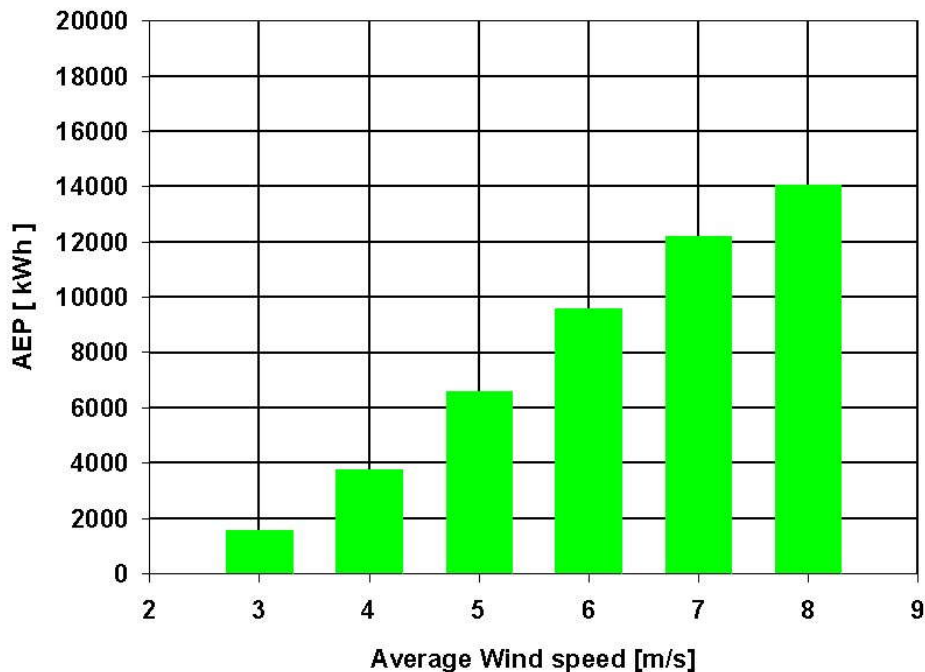
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SAMDORIE-Annual Energy Production(AEP)



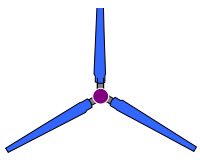
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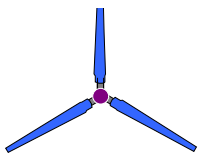
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인증번호: WT-SWS-1-0006



신·재생에너지설비 인증서

- ① 업체명(사업자등록번호): ㈜설텍(5088174922)
- ② 사무소소재지: 대구광역시 달서구 갈산동
- ③ 공장소재지: 대구광역시 달서구 갈산동 100-186
- ④ 인증 신·재생에너지설비

제품의 특징

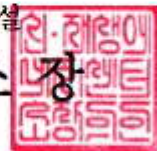
시스템: 수평축형, 방식: 독립형(축전지전용),
 발전기-정격출력: 3kW, 출력: 240V, 15A,
 회전자-개수: 3, 직경: 4.5, 면적: 16.9,
 철탑-형식: 직립식, 무게: 700, 높이: 12m

인증대상품목: 소형풍력발전 시스템
 모델명: 삼도리(SAMDORIE)
 적용기준: WT 101:2008

지식경제부고시 제2011-177호의 규정에 따라 신·재생에너지설비임을 인증합니다.

2011년10월17일

에너지관리공단 부설
신·재생에너지센터소장



◇개발금 이력

1 유호기안연장

2014-10-16

*이 모델의 인증서 유효기간은 2017-10-16 입니다.

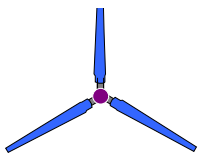
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신제품인증서

제품명 3kW급 수평축 블레이드식 풍력발전시스템

회사명 (주)셀텍

대표자 실창우

소재지 대구시 달서구 갈산동 100-186

인증번호 NEP-MOTIE-2013-011

유효기간 2013. 6. 26. ~ 2016. 6. 25.

위 제품을 「산업기술혁신 촉진법」 제16조에 따른 신제품으로 인증합니다.

2013년 6월 26일



산업통상자원부장관



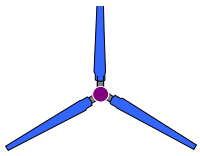
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