



2017 GLOBAL
COMMERCIALIZATION
WORKSHOP

ANYTEKSYS
SMALL WIND GENERATOR

ANYTEKSYS CO., LTD.
www.anytek.com

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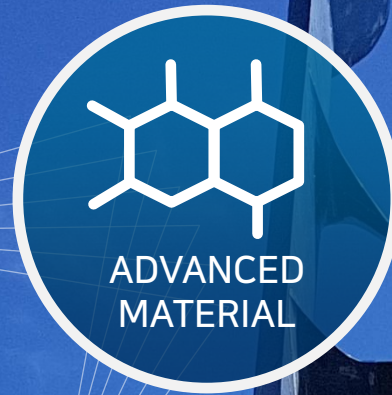
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COMPANY INTRODUCTION



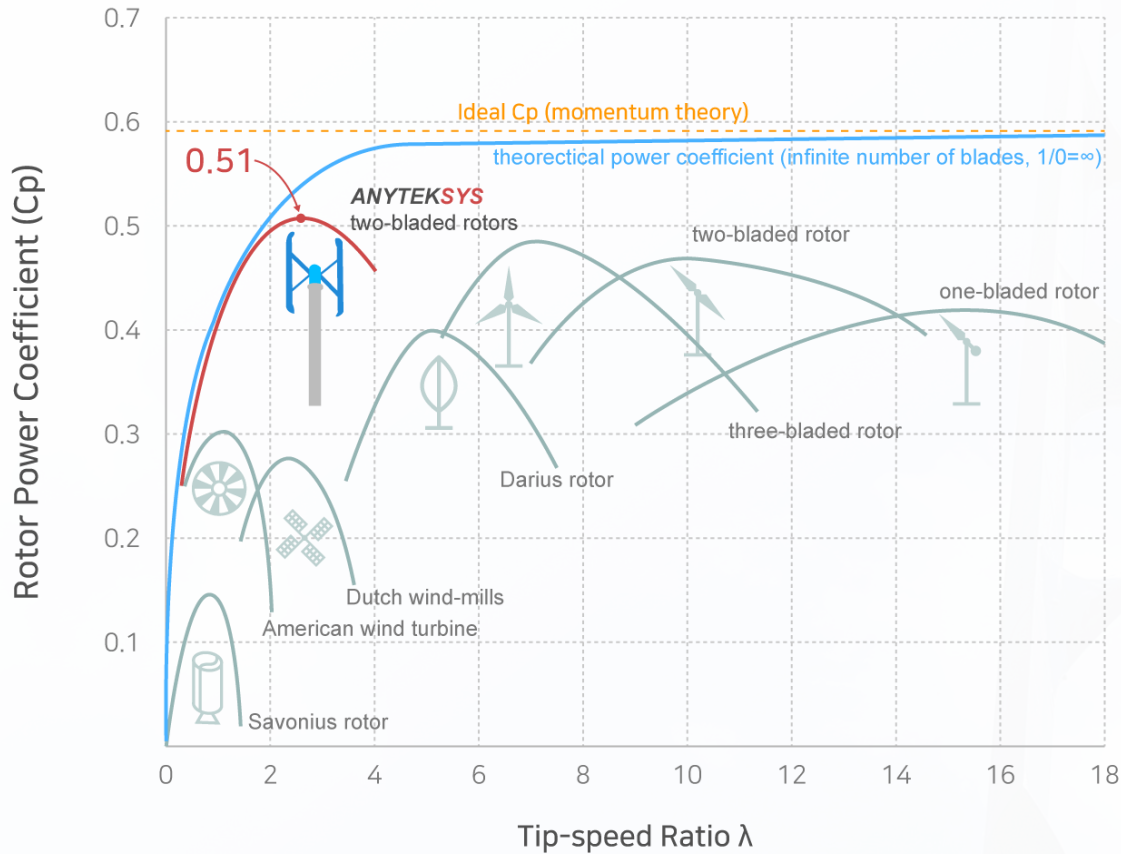
ANYTEKSYS established Energy Department in 2009 in order to expand its business into renewable energy market. We made an exclusive contract with Globalenergy Japan on wind power technology patent and developed small wind generators ranging from 2kW to 20kW. With high technology and advanced blade material – EPP(Expanded Polypropylene), Anyteksys wind generators feature very high efficiency, low noise and high reliability.

WIND GENERATOR FEATURES



WIND GENERATOR FEATURES

01. VERY HIGH EFFICIENCY



POWER COEFFICIENT

WORLD BEST = 0.49

ANYTEKSYS = **0.51**

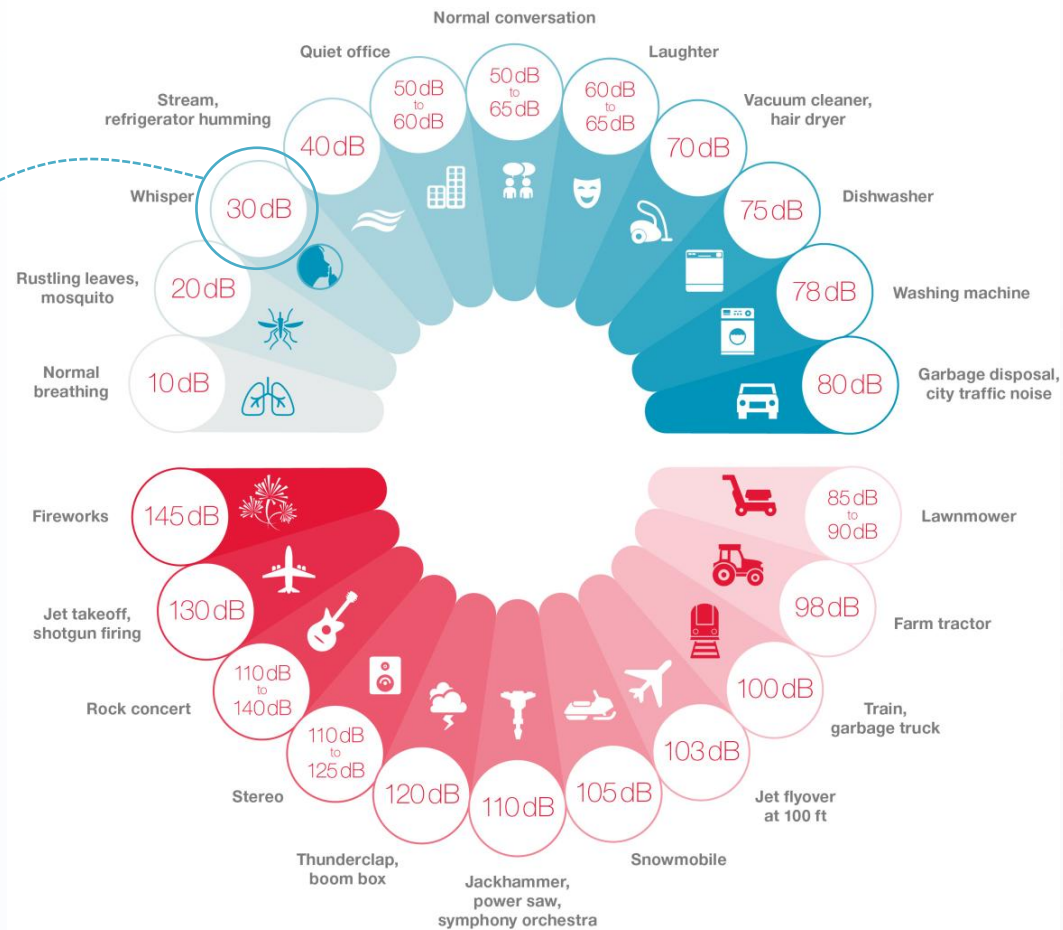
WIND GENERATOR FEATURES

02. VERY LOW NOISE



≈ 30dB

Self-test result
with AH-300
(when rotating)



WIND GENERATOR FEATURES

03. ADVANCED MATERIAL



EPP
Expanded Polypropylene

* Very light and durable material with weight of 20g/l.

LIGHT & SAFE

* Anyteksys wind blades are made out of EPP material with aluminum frames.

HYBRID STREETLIGHT

- WIND + PV Generation
- Stand-alone Operation
- Bluetooth Management



Wind Generator

Rated Output: 300W
Rated Wind Speed: 10m/s
Blade Material: EPP & Aluminum frame
* Low noise & high efficiency



Solar Panel

Rated Output: Up to 250W
Efficiency: 16.8%
Recommended angle: 30~32°



LED Luminaire

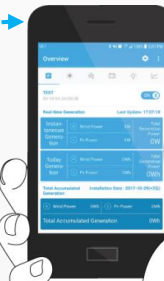
Intensity: Up to 60W
* Operating from sunset to sunrise

Pole

Upper: 3,000 x 216 ∅
Lower: 3,000 x 351 ∅

Controller & Battery

Battery: DC 24V 150Ah



Bluetooth APP

Communicates with controllers and provides real-time generation data and operational status.



HYBRID APPLICATIONS



HYBRID
GENERATION



STREETLIGHT

TRAFFIC SIGN

CCTV

ACCESS POINT

...

SMALL WIND GENERATORS

Model	AW2K	AH6K	AH8K		AW10K	AW15K	AW20K
Blade Length	1500 mm	1500 mm	1500 mm	X 2 layers	7000 mm		
Rotor Diameter	3000 mm	3000 mm	3000 mm		6000 mm		
Solar Generator	-	4 kW	4kW		-		
Blade Material	EPP (Expanded Polypropylene)						
Cut-in	2.0 m/s				2.0 ~ 2.5 m/s		
Start-up Wind Speed	2.0 m/s				2.0 ~ 2.5 m/s		
Working Wind Speed	1.5 m/s				2.0 m/s		
Rated Wind Speed	12 m/s				10.5 m/s	12 m/s	13.5 m/s
Rated Output	2 kW	6 kW	8 kW		10 kW	15 kW	20 kW
Generator Speed	200 RPM				60 RPM		
Generator Type	Permanent magnet 3-phase AC generator						
Blast Control	Electric & Electronic brake				Electric, Electronic & Hydraulic brake		

**MODEL NO.
DESCRIPTION**



① W: Wind / H: Hybrid (Wind+PV)

② Generation Power in kW (up to 2 digits)

* Above specifications are subject to change and may be customizable.

SMALL WIND GENERATORS

AW20kW
Hamamatsu, Japan



AH12kW
Plum Farm, Gwangyang, Korea



AW10kW
Mt. Gubong, Gwangyang, Korea



AW20kW
Jeju Test Site, Korea





THANK YOU

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