

Features:

- Self starting in low wind
- Low noise and vibration, no be affected by turbulence
- Capture wind from any direction, no limit on terrain, low requirement on mast height and floor space
- Aluminum alloy integral extrusion molding achieves high strength and light weight
- Simple module structure, easy for installation and maintenance
- Birds friendly

Technical specification

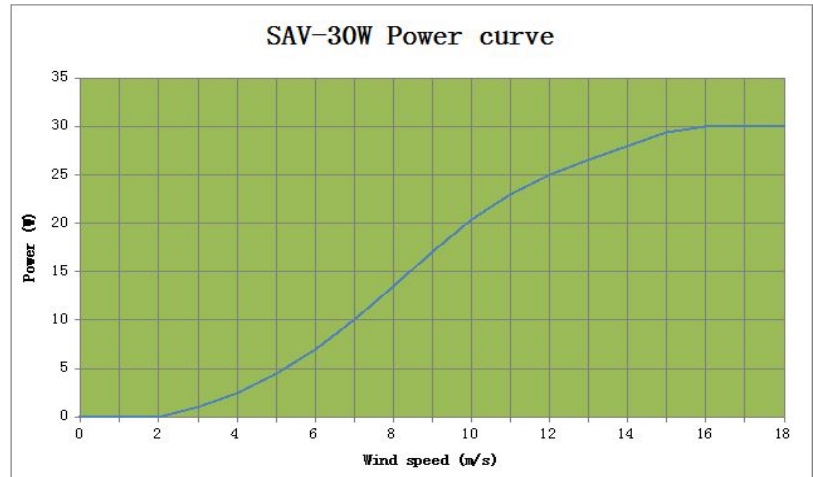
Performance	
Rated power	10W @10m/s
Peak power	15W
Start-up wind speed	2m/s
Working wind speed	3-20m/s
Survival wind speed	35m/s
Noise	≤40dB
Rotor	
Rotor diameter	310mm
Swept area	0.1m ²
Blade	5pcs aluminium alloy
Blade length	300mm
Shell material	Erosion resistant aluminum
Rated RPM	400
Weight	2.3KG
Others	
Generator type	3-phase AC PM, gearless
Speed regulation & protection	overvoltage charge controlling
Rated voltage	DC 12V
Suggested battery capacity	1pcs 7AH/12VDC
Tower type	3-6m guyed cable tower
Working temperature	-30-50°C



SAIAM POWER

www.saiampower.com

For more information: info@saiampower.com



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Technical specification

Performance	
Rated power	20W @10m/s
Peak power	30W
Start-up wind speed	2m/s
Working wind speed	3-20m/s
Survival wind speed	35m/s
Noise	≤40dB
Rotor	
Rotor diameter	560mm
Swept area	0.21m ²
Blade	5pcs aluminium alloy
Blade length	370mm
Shell material	Erosion resistant aluminum
Rated RPM	330
Weight	6KG
Others	
Generator type	3-phase AC PM, gearless
Speed regulation & protection	overvoltage charge controlling
Rated voltage	DC 12/24V
Suggested battery capacity	2pcs 7AH/12VDC
Tower type	3-6m guyed cable tower
Working temperature	-30-50°C



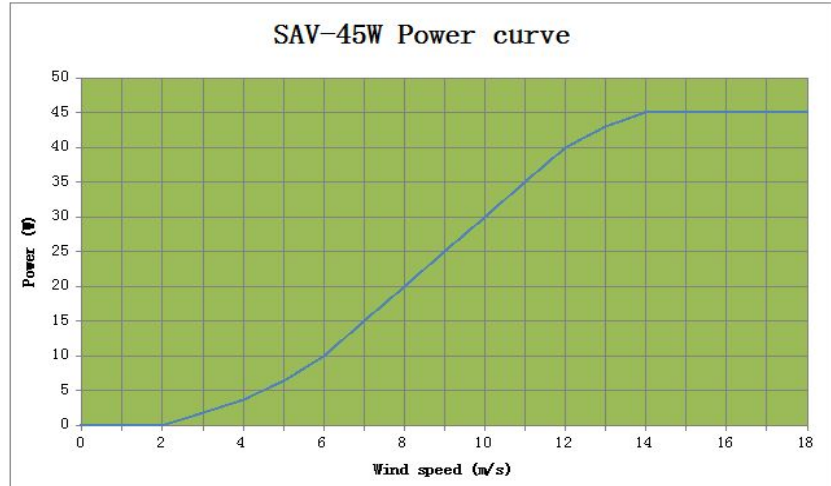
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SMALL WIND TURBINE

VAWT SAV-45W



Features:

- Self starting in low wind
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- Aluminum alloy integral extrusion molding achieves high strength and light weight
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Technical specification

Performance	
Rated power	30W @10m/s
Peak power	45W
Start-up wind speed	2m/s
Working wind speed	3-20m/s
Survival wind speed	35m/s
Noise	≤40dB
Rotor	
Rotor diameter	560mm
Swept area	0.3m ²
Blade	5pcs aluminium alloy
Blade length	525mm
Shell material	Erosion resistant aluminum
Rated RPM	300
Weight	7.5KG
Others	
Generator type	3-phase AC PM, gearless
Speed regulation & protection	overvoltage charge controlling + electromagnetic brake
Rated voltage	DC 12/24V
Suggested battery capacity	2pcs 9AH/12VDC
Tower type	3-6m guyed cable tower
Working temperature	-30-50°C



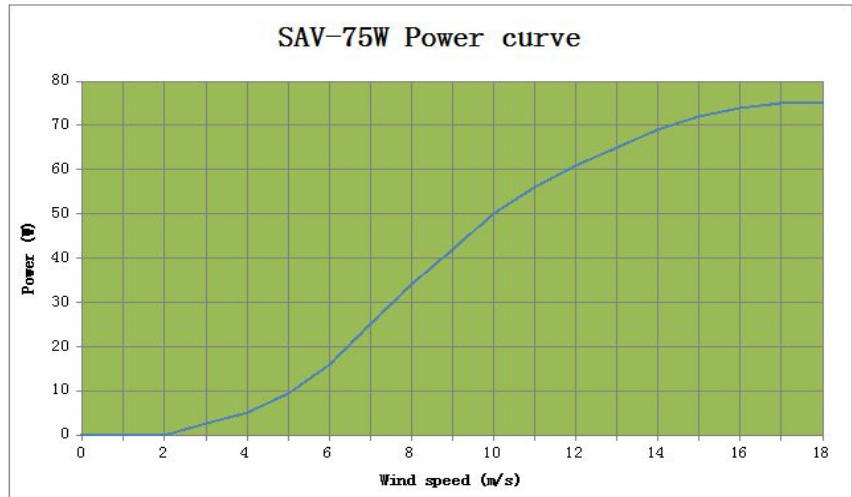
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SMALL WIND TURBINE

VAWT SAV-75W



Features:

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- Low noise and vibration, no be affected by turbulence
- Capture wind from any direction, no limit on terrain, low requirement on mast height and floor space
- Aluminum alloy integral extrusion molding achieves high strength and light weight
- Simple module structure, easy for installation and maintenance
- Birds friendly

Technical specification

Performance	
Rated power	50W @10m/s
Peak power	75W
Start-up wind speed	2m/s
Working wind speed	3-20m/s
Survival wind speed	35m/s
Noise	≤40dB
Rotor	
Rotor diameter	560mm
Swept area	0.42m ²
Blade	5pcs aluminium alloy
Blade length	745mm
Shell material	Erosion resistant aluminum
Rated RPM	260
Weight	10.5KG
Others	
Generator type	3-phase AC PM, gearless
Speed regulation & protection	overvoltage charge controlling + electromagnetic brake
Rated voltage	DC 12/24V
Suggested battery capacity	4pcs 9AH/12VDC
Tower type	3-6m guyed cable tower
Working temperature	-30-50°C



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SMALL WIND TURBINE

Mini VAWTs



SAV-15W



SAV-30W



SAV-45W



SAV-75W



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