

Alkion Home Wind Turbine Models

Model	ALK-X600	ALK-X800	ALK-X1000	ALK-X1500
Rated Power	600W	800W	1000W	1500W
Maximum Power	650W	850W	1150W	1650W
Rated Voltage	12V/24V	12V/24V/48V	24V/48V/96V	48V/96V/120V
Start-up Wind Speed	2.0m/s	2.0m/s	2.0m/s	2.0m/s
Rated Wind Speed	10m/s	10m/s	10m/s	12m/s
Survival Wind Speed	40m/s	40m/s	40m/s	40m/s
Number of Blades	3	3	3	3
Blade Height	0.8m	1.4m	1.8m	1.8m
Blade Material	Glass Fibre			
Type of Generator	Three-phase AC Permanent Magnet Generator			
Magnetic Steel Material	NdFeB			
Control System	Electromagnet			
Working Temperature	-40°C-80°C			
Design Life	20 Years			

Model	ALK-X2000	ALK-X3000	ALK-X5000	ALK-X10000
Rated Power	2000W	3000W	5000W	10KW
Maximum Power	2200W	3200W	5500W	11KW
Rated Voltage	48V/96V/120V/220V	96V/120V/220V	96V/120V/220V/380V	96V/120V/220V/380V
Start-up Wind Speed	2.0m/s	2.0m/s	2.0m/s	2.0m/s
Rated Wind Speed	12m/s	12m/s	12m/s	13m/s
Survival Wind Speed	40m/s	40m/s	40m/s	40m/s
Number of Blades	3	3	3	3
Blade Height	2.1m	2.1m	2.8m	3.6m
Blade Material	Glass Fiber			
Type of Generator	Three-phase AC Permanent Magnet Generator			
Magnetic Steel Material	NdFeB			
Control System	Electromagnet			
Working Temperature	-40°C-80°C			
Design Life	20 Years			

Product Feature

1. Low start-up wind speed and operating vibration
2. Adopting Flange connection, convenient installation and maintenance
3. Low Noise Level
4. Can be installed on roof top
5. High Efficiency
6. Workable to do hybrid with solar panel.