

HEFEI JINGCHI NEW ENERGY CO., LTD

PRODUCT FEATURES

- 1 LOW STARTING WIND SPEED, SMALL VOLUME, BEAUTIFUL APPEARANCE AND LOW OPERATING VIBRATION;
- 2 HUMANIZED FLANGE INSTALLATION DESIGN IS USED TO FACILITATE INSTALLATION AND MAINTENANCE;
- 3 THE ALUMINUM ALLOY FUSELAGE AND WIND TURBINE BLADES ARE MADE OF NYLON FIBER-COMBINED WITH OPTIMIZED AERODYNAMIC SHAPE DESIGN AND STRUCTURAL DESIGN, WHICH HAS LOW STARTING WIND SPEED AND HIGH WIND ENERGY UTILIZATION COEFFICIENT, INCREASING THE ANNUAL POWER GENERATION;
- 4 THE GENERATOR ADOPTS THE PATENTED PERMANENT MAGNET ROTOR ALTERNATOR WITH SPECIAL ROTOR DESIGN, WHICH CAN EFFECTIVELY REDUCE THE RESISTANCE TORQUE OF THE GENERATOR, WHICH IS ONLY 1/3 OF THAT OF THE ORDINARY MOTOR. AT THE SAME TIME, THE WIND TURBINE AND THE GENERATOR HAVE BETTER MATCHING CHARACTERISTICS AND THE RELIABILITY OF UNIT OPERATION;
- 5 THE MAXIMUM POWER TRACKING INTELLIGENT MICROPROCESSOR CONTROL IS ADOPTED TO EFFECTIVELY ADJUST THE CURRENT AND VOLTAGE.



TECHNICAL PARAMETER

Model	JLF-300	JLF/F3-400	JLF/F3-500	JLF-600
Rated Power	300W	400W	500W	600W
Max Power	320W	440W	560W	660W
Rated Voltage	12V/24V	12V/24V	24V	12V/24V/48V
Start-up Wind Speed	2.0m/s	2.0m/s	2.5m/s	2.5m/s
Rated Wind Speed	11m/s	11.5m/s	12m/s	12m/s
Survival Wind Speed	50m/s	50m/s	50m/s	50m/s
Net Weight	9.2kg	9.5kg	9.8kg	10.2kg
Wind Wheel Diameter	1.35m	1.55m	1.6m	1.6m
Number of Blades	3			
Blades Material	Nylon Fiber			
Generator	Three-phase AC permanent magnet generator			
Permanent Magnet Material	NdFeB			
Shell Material	Die casting aluminum			
Control System	Electromagnet			
The Wind Adjustment	Automatic windward adjustment			
Working Temperature	-40°C~80°C			
Generator design life	15 years			

Note: The above information is for sales reference and is not used as an appendix to the contract and is subject to change without notice.