

# Small Wind Turbine Grid-Connected Inverter

- ◆ Combined with WEL-6K to provide best wind generation solution.
- ◆ Using the fifth generation Intelligent Power Module from Mitsubishi, improve the system efficiency.
- ◆ MPPT auto-optimizing technique makes the most of the generation capacity.
- ◆ Easy-to-set Multilingual LCD display.
- ◆ Friendly LCD interface, can adjust operation parameters through keys.
- ◆ Multi communication interface can be selected.
- ◆ High reliability due to complete protection function.
- ◆ Wide DC input voltage range.
- ◆ Adjustable Power Curve.
- ◆ water-proof direct-plug terminals.
- ◆ CE Certification.

## WG3K/5K



## Technical Parameters

Model	WG3K	WG5K
Continuous over loading capacity	110%	
Transient over loading capacity	130%,20second	
DC Input voltage range	230~400V	200~780V
Nominal AC output power	3KW	5KW
Total Current Harmonic Distortion (THD)	<3 %	
Power Factor	>0.99	
Peak Efficiency	94 %	
European Efficiency	92 %	
Grid Voltage Range (single-phase)	180 V~260V AC	
Grid Frequency Range	47~51. 5 Hz /57~61.5Hz	
Terminal type	Direct plug	
Internal consumption during stand-by	<10W	
Noise level	<40dB	
Waterproof Class	IP65	IP20
Cooling	Natural cooling	Fan cooling
Communication interfaces	RS485/Ethernet	
Ambient Temperature	- 20°C ~ + 40°C	
Dimensions ( W × H × D )	490x385x177mm	380 x517 x272mm
Weight	44kg	53kg