

# Small Wind Turbine Grid-Connected Inverter

- ◆ Combined with WEL-30K 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.
- ◆ CE Certification.



## WG10K/20K/30K

### Technical Parameters

Model	WG10K	WG20K	WG30K
Continuous over loading capacity		120%	
Transient over loading capacity		150%,20 second	
DC Input voltage range	200~450V	250~800V	
Nominal AC output power	10KW	20KW	30KW
Total Current Harmonic Distortion (THD)		<3 %	
Power Factor		>0.99	
Peak Efficiency		94 %	
European Efficiency	93 %	92 %	
Grid Voltage Range(single-phase)		180 V~260V AC	
Grid Frequency Range		47~51.5 Hz /57~61.5Hz	
Terminal type		Screw	
Internal consumption during stand-by		<10W	
Noise level		<45dB	
Waterproof Class		IP20	
Cooling		Fan cooling	
Communication interfaces		RS485/Ethernet	
Ambient Temperature	- 10°C ~ + 40°C		- 20°C ~ + 40°C
Dimensions ( W × H × D )	800x1200x 600mm	800x1800x 600mm	
Weight	300kg	400kg	500kg