

Technical Data

WIND ON-GRID INVERTER			
	1.5KW	2KW	5KW
Model	CTW-1.5KS	CTW-2KS	CTW-5KS
Range of Input Voltage (DC)	40V-450V	40V - 450V	60V-550V
Maximum Power from Turbine	1600W	2100W	5500W
DC Voltage VPP	VPP < 10 %		
Output parameters			
Rated Power	1500W	2000W	5000W
Range of Grid Voltage	Choice of 220, 230 or 240V AC		
Range of Grid Frequency	Choice of either 50Hz or 60Hz		
Power Factor	> 0.99		
Maximum Efficiency	95%		
Standby Consumption	< 11 W		
Protections	Anti-islanding, Over Temperature, Over Load, Over Current, Over Voltage		
Total Harmonic Distortion (THD)	< 4 %		
Physical feature			
Dimensions WxHxD in mm	555/420/125	555/420/125	480/680/235
Weight	30kg	32.5kg	67kg
Protection Level	IP20	IP20	IP41
Installation Method	Wall-mounted		
Ambient Temperature	-20 ~ +40 Celsius ©		
Storage Temperature	-20 ~ +50 Celsius ©		
Inverter feature			
Cooling Concept	Cooling Fan	Convection & Cooling Fan	
Display	LCD & Signal Lamps		
Communication	RS485		
Points of power curve	Minimum 5, Maximum 20.		
EMC	EN61000-6-1:2007		
	EN61000-6-3:2007		
Safety Standard	IEC 62103:2003(1st Edition)		
	EN50178:1997		
Certificate for Grid Connection	DIN VDE 0126-1-1:2006		