

创联风能并网逆变器

Wind Power Grid Tie Inverter



CTW-1.5KS / CTW-2KS

产品特点

Product Features

- 创联生产的不同规格风能逆变器，其性能和操控性具有出色的表现力。
- 创联的并网逆变器将风能发电机输出的不稳定波动 AC 电流转换成稳定电压和频率的 AC 电流，并通入主电网中。同样，如果风能控制器输出的是 DC 直流电，创联并网逆变器同样可以接受转换 DC 直流电。创联逆变器里包含隔离变压器，所以能把任何数量的逆变器并联，使其能配套前段风机的最大输出功率。



- Challentec manufactures wind power inverters with different specifications, and they have shown an excellent performance in its functions and handling ability.
- Challentec's wind power grid tie inverter could convert unstable fluctuating AC current from electronic generator to AC current with stable voltage and frequency, and then input AC current into grid. At the same time, if the wind power controller outputs DC current, the grid tie inverter could also accept converting DC current output. Challentec's inverters contain an integrated isolation transformer; therefore, it is possible to connect any quantity of inverters using parallel connection to make it work appropriately with the wind turbine's maximum power.

标准化生产

Standardized Production



技术参数

Technical Data

型号	Model	CTW-1.5KS	CTW-2KS
输入参数	Input Parameter		
电压范围(DC)	Range of MPPT Voltage (DC)	40V - 450V	
推荐风机最大功率	Maximum Power of Turbine	1600W	2100W
DC电压纹波VPP	DC Voltage VPP	VPP < 10 %	
输出参数	Output Parameter		
额定功率	Power Rating	1500W	2000W
电网电压范围	Range of Grid Voltage	196 – 253V AC	
电网频率范围	Range of Grid Frequency	任选 50Hz 或 60Hz	Choice of either 50Hz or 60Hz
功率因数	Power Factor	> 0.99	
最大效率	Maximum Efficiency	94%	
待机消耗	Standby Consumption	< 11 W	
保护	Protections	防孤岛, 过温, 过载, 过流, 过压保护 Anti-island, Over Temperature, Over Load, Over Current, Over Voltage	
总谐波畸变率	Total Harmonic Distortion (THD)	< 4 %	
机械特性	Mechanical Characteristics		
体积 宽 / 高 / 厚 (毫米)	Dimensions W×H×D in mm	555/420/125	
重量	Weight	30kg	32.5kg
防护等级	Protection Level	IP20	
安装方式	Installation Method	挂壁式 Wall-mounted	
工作环境温度	Working Environment Temperature	-20℃ ~ +40℃	
存储温度	Storage Temperature	-20℃ ~ +50℃	
逆变器特性	Inverter Characteristics		
冷却方式	Cooling Method	风扇 Cooling Fan	
显示	Display	LCD & 信号灯 LCD & Signal Lamps	
通讯	Communication	RS485	
功率曲线点	Points of Power Curve	最小 5, 最大 20. Minimum 5, Maximum 20.	
EMC		EN61000-6-1:2007 EN61000-6-3:2007	
安规标准	Safety Standard	IEC 62103:2003(1st Edition) EN50178:1997	
并网端口	Grid Connecting Standard	DIN VDE 0126-1-1:2006	

* 本产品参数如有更改, 恕不另行通知

认证 

CHALLENGE

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