

THREE PHASE OFF-GRID SOLAR INVERTER

CNS330 Series 10-250KVA



GREEN
ENERGY SAVING
ENVIRONMENTAL PROTECTION

CONSNANT

Constant Electric Power
www.consnant.com



CNS330 10-250KVA

Data Center



Local area Networks



Industrial Processes



Servers

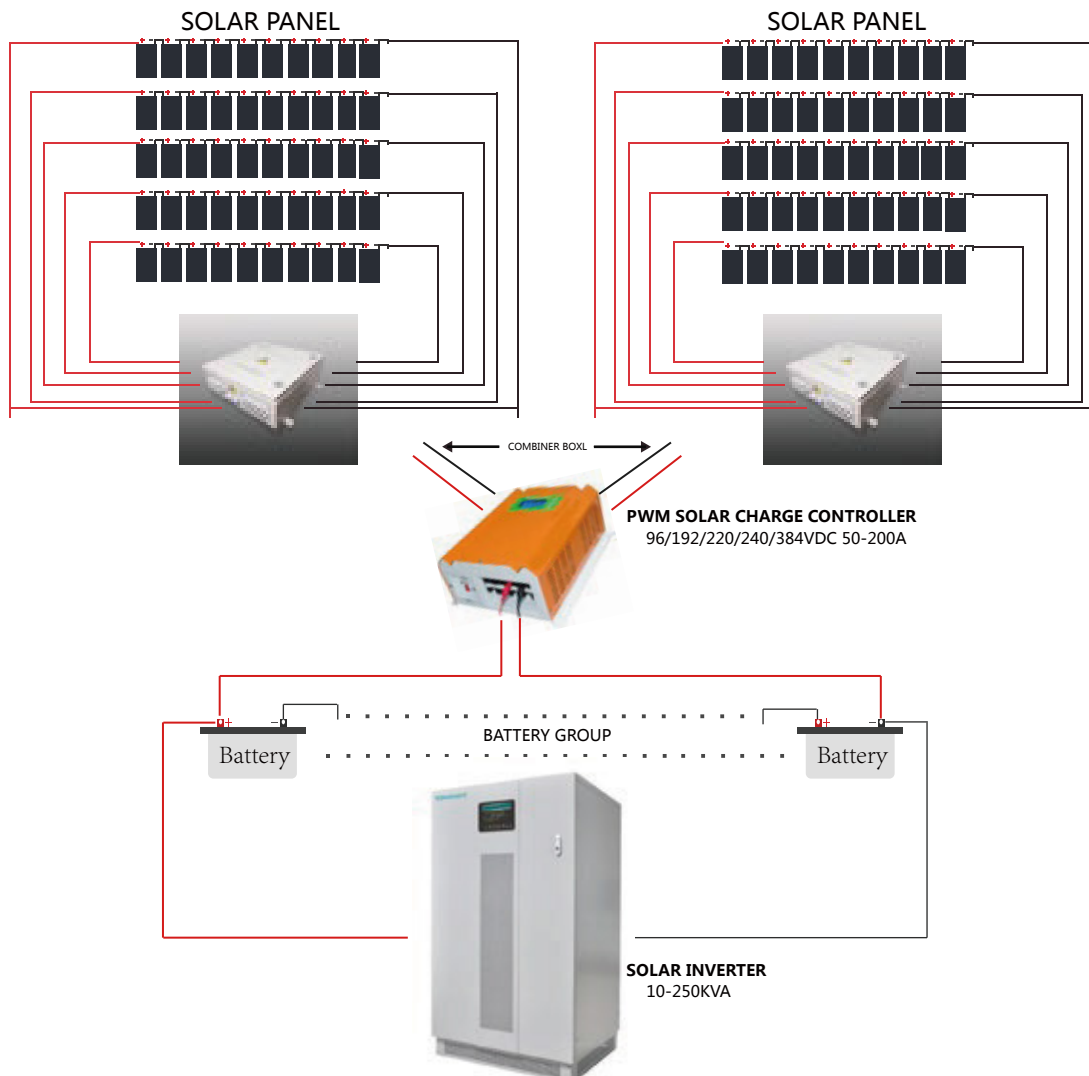


Characteristics:

- Advanced IGBT module with high reliability.
- Realize various intelligent control functions basing on DSP full digital control technology.
- Perfect protection function, higher system reliability.
- Data communication through RS232 port or dry contact to realize monitoring operation status.
- Aesthetic appearance, functional integrity, friendly human-machine interface



CIRCUIT DIAGRAM OF SOLAR UPS/INVERTER 10-250KVA



CNS330 Series Technical Specifications

CNS330 10-250KVA												
Model	10KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA	250KVA	
Capacity	8KW	16 KW	24 KW	32 KW	48 KW	64 KW	80 KW	96KW	128 KW	160 KW	200KW	
Input												
Battery Voltage	384VDC								480VDC			
Maximum recharge current(A)	0.2 X C10											
AC ripple voltage	<1%											
Inverter output												
Rated power(kVA)	10KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA	250KVA	
Active power(kW)	8KW	16 KW	24 KW	32 KW	48 KW	64 KW	80 KW	96KW	128 KW	160 KW	200KW	
phases	3φ4W+GND											
Voltage (Vac)	L - N : 230 L-L : 400 (200,208,220 are available for customization)											
Regulation of the output voltage	348 ~ 424Vac phase/neutral(from control panel)											
Protect	Output short circuit, Overload, Over-temperature, battery low voltage, Output over/low voltage											
LCD Display	Output voltage, frequency, Battery voltage, Load, DC current etc.											
LED Display	Work status of inverter, fault indication and overloading											
Frequency	50/60Hz configurable											
Overload	110% 125% 150% of the rated current for 5h/10'/1'											
Frequency stability	±0.05% on mains failure;±2%(selectable from ±1% to ±5%)with mains supply present											
Wave Form	Sine wave, THD<3% at linear load											
Efficiency	≥95%											
Communication	RS232/RS485 , dry connection communication signal											
Operation temperature	0°C to + 40°C											
Relative humidity	<95% non condensing											
Colour	Light grey (RAL 7035)											
Noise	54dBA at 1m								50-65dBA at 1m			
Protection degree	IP20											
Efficiency Smart Mode	up to 98%											
Compliance	Safety:EN 62040-1-1(Directive 2006/95/EC); EMC:6200-2(Directive 2004/108/EC)											
Weight(KG)N.W	205	215	243	293	234	456	517	740	755	1138	1350	
Dimensions:(WxDxH)mm	555*730*1210					800*730*1400			1115*730*1400		1420*850*1600	

STANDARD: Conform to GB/IEC regulation : EMC:GB7260.2/IEC62040-2 -GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943

Note: Product specifications are subject to change without further notice.