


3000VA
Features:

- ※ Pure sine wave output, THD<3%
- ※ High Frequency Transformer design
- ※ With resistance, inductive, capacitive, mixed load
- ※ Controller: MPPT
- ※ Selectable Charging Current based on applications
- ※ RS-485 communication interface (Optional)
- ※ AC Utility Bypass and Desel start dry (Optional)
- ※ Auto restart while AC is recovering
- ※ Compatible to mains voltage or generator power
- ※ Smart battery charger design for optimized battery performance



Specification	Model No.	CSL3000-224	CSL3000-248
AC Output	Rated output power	3000VA (2400W)	
	Output waveform	Pure Sine Wave	
	Output voltage	230VAC±5%	
	Output frequency	50/60±1%	
	Output waveform distortion (THD)	≤3%	
	Inverter efficiency (Max.)	93%	
	Current peak factor	03:01	
	Overload capacity	>105%, 1S	
Battery	Rated voltage (VDC)	24	48
	Float voltage (VDC)	27	54
	Charge voltage (VDC)	31	62
PV Input	Controller Type	MPPT	
	Maximum input power (kWp)	1000	2000
	MPPT Open Voltage (VDC)	100	100
	MPPT Voltage Range (V)	30~80	55~80
	MPPT Charge Current (A)	40	40
AC Bypass	Input voltage range (Vac)	230VAC±15%	
	Input Frequency (Hz)	50/60±3%	
	Transfer time	10~20ms	
	Diesel trigger signal	Dry port (Optional)	
	AC Bypass Charger	30	15
Display & Protection	Display mode	LCD+LED	
	Protection	Input reverse polarity protection, input under-voltage protection, input overvoltage protection, output overload protection, output short circuit protection (no automatic recovery, the need to restart the machine), overheating protection	
Other	protection degree	IP20	
	Using altitude (m)	≤5000 (1000m above derating 1% per 100m)	
	Permissible relative humidity	5%~95% No condensation	
	Ambient Temperature (°C)	0 ~ +55	
	Standby Power Consumption (W)	2	
	Noise (1m)	≤55dB	
SIZE & WEIGHT	Width x depth x height (D x W x H) mm	306*271*100mm	
	Weight (Kg)	5kgs	

Solar System Connection :
