

## OFF-GRID PURE SINE WAVE INVERTER/ONLINE UPS



Applications: Solar System, Apply to television, refrigerator, battery furnace, fan, microwave oven, air conditioning and other household devices.

### Features

- Pure sine wave output
- CPU control technology, SPWM control
- Strong ability of impact resistance
- Wide input voltage range: 145-280V; three steps AVR (two steps boost, one step reduction voltage)
- Protection against, overload, short-circuit, over-voltage, under-voltage and over-temperature, etc
- Special overload protection: when it is overload, it will lock the unit automatically, when it restores, it will restart the unit automatically again
- Strong inverter ability. It can change frequency immediately and it is able to drive the inductive load such as air conditioner, refrigerator, motor, etc
- Powerful charge current: 1KW - 6KW can upto 50A
- LCD display
- Meet the need of different power supply
- Use IR MOSFET
- Intelligent battery management; provide the battery overcharge, discharge protection extend battery life

## OFF-GRID PURE SINE WAVE INVERTER

Model		CX102	CX202	CX302	CX402	CX502	CX602	CX802	Cx103
Input	Rated capacity(W)	1000W	2000W	3000W	4000W	5000W	6000W	8000W	10000W
Input	Commercial Power range(VAC)	100/110/120/127/220/230 (+25%, -35%)				100/110/120/127/220/230 (±20%)			
Battery	DC Voltage	12/24/48VDC			24/48/96VDC			96VDC	
Output	AVR voltage range	100/110/120/127/220/230±10% (Auto-sensing)				100/110/120/127/220/230 (NoAuto-sensing)			
	Transfer time	Typical : 5ms(Including detection time)							
Output	Waveform	Pure sine wave							
	Frequency	Commercial power supply; shared frequency with the commercial inversion state:60/50±0.5							
Appearance	External Size(mm) (L*W*H)	450*180*185			620*180*185			550*260*650	
	Gross Size(mm) (L*W*H)	540*260*265			720*260*265			710*440*795	
	Net weight(kg)	11	16	21	36	39	42	82	83
	Gross weight(kg)	12	17	22	38	41	44	84	85
Protection	overload	IPS automatically shut down if overload exceeds 120% of normal value for 10 seconds, IPS automatically resume work if overload comes to rated load.							
	Type	Sealed, maintenance-free lead acid							
	Recharge current	10A-60A				10-30A			
	Battery protection	Automatic self-test, discharge protection, over-charge protection, smart management system.							

The above technical data only for reference,if any modified,please see the real object as standard