

# PURE SINE WAVE INVERTER WITH CHARGER

Offline CPS **CPS1500-1500W/15A**

**FEATURES: ■**



- Ultra-Fast Transfer Relay: Reduce transfer time between bypass mode and inverter mode, Reduce possibility of voltage drop.
- Universal Protection Circuit : Overload, Long life for battery , Earth Fault, Short Circuit, Over-temperature, Soft-start
- Turbo Cooling : Keep the inverter surface cool and higher efficiency
- Decide your own AC backup time by choosing different batteries!

**AC Output Receptacles(optional)**

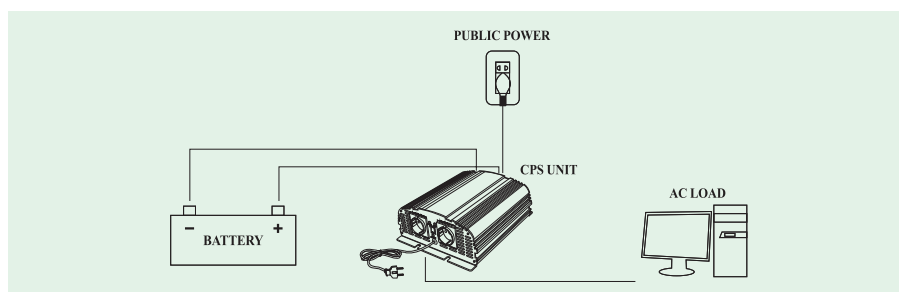


**Plug Type (optional)**



**■ SPECIFICATION:**

Model		CPS1500-121	CPS1500-122	CPS1500-241	CPS1500-242
INVERTER PART	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	1500W			
	SURGE POWER	3000W			
	WAVEFORM	Pure Sine Wave			
	FREQUENCY	60Hz±3Hz	50Hz±3Hz	60Hz±3Hz	50Hz±3Hz
	AC REGULATION	±10%			
	STANDARD RECEPTACLES	A,B,C,D,E,F,G Optional(reference to picture above),plug same as socket (optional)			
	LED INDICATOR	Charger, Inverter, Fault			
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	DC10~15V		DC20~30V	
	NO LOAD CURRENT DRAW	≤0.75A			
	AC PUBLIC POWER VOLTAGE	110V	230V	110V	230V
	EFFICIENCY(Typ.)	>90%			
	DC FUSE(BUILT-IN)	30A*6ea		15A*6ea	
	PUBLIC POWER AC FUSE(BUILT-IN)	20A*1ea	10A*1ea	20A*1ea	10A*1ea
CHARGER PART	MAX.CHARGING CURRENT	15A		8A	
	CHARGING WAY	3 Stage( constant current,constant voltage,float charge)			
	AC INPUT VOLTAGE RANGE	90~120V	190~265V	90~120V	190~265V
	AC FUSE	3A*1ea			
SUITABLE BATTERY	Gel & AGM(we can offer different charge way according to different batteries)				
BY PASS MODE	BYPASS SWITCHING TIME	≤10 ms			
AVS FUNCTION	AC INPUT LOW VOLTAGE PROTECTION	Yes, shutdown			
	AC INPUT HIGH VOLTAGE PROTECTION	Yes, shutdown			
	TIME DELAY	17 seconds			
PROTECTION	BAT.LOW ALARM	DC10.5±0.5V		DC 21±1V	
	BAT.LOW SHUT DOWN	DC 9.5±0.5V		DC19±1V	
	OVER VOLTAGE	DC15.5±0.5V		DC31±1V	
	BAT.LOWVOLTAGE RECOVER	DC11.5-12V		DC23-24V	
	OVERLOAD	1600~1700W			
	EARTH LEAKAGE PROTECTION	Shut down, auto.reset			
	THERMAL METHODS	Dual cooling fans,temp.control or 30% load auto.on			
	START-UP MODE	Soft start up			
REVERSE POLARITY	By fuse open				
PACKING	DIMENSION	395*230*108mm(L*W*H)			
	N.W./UNIT	5.3Kg			
	QTY/Ctn	2 pcs/box. 45*30.5*37.5cm			
	N.W./Ctn	10.4kg			
	G.W./Ctn	13kg			



- + → **C.P.S**
- **Auto 3-Stage Battery Charger** → 1.Constant current, 2.Constant Voltage, 3.Floating Charge
- **Soft Start High Efficiency Turbo Cooling**
- **Universal Protection Circuit** → Bat. Low Shutdown, Overload, Earth Fault, Short Circuit, Over-temperature
- **Central Power Supply Public Power First** → **Energy Saving**