

# PURE SINE WAVE INVERTER WITH CHARGER

Offline CPS **CPS600-600W/10A**

## 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)

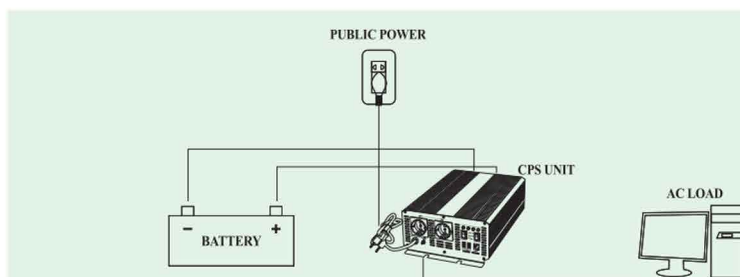


### Plug Type (optional)



## ■ SPECIFICATION:

Model		CPS600-121	CPS600-122	CPS600-241	CPS600-242
INVERTER PART	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	600W			
	SURGE POWER	1200W			
	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	≤0.35A			
	AC PUBLIC POWER VOLTAGE	110V	230V	110V	230V
	EFFICIENCY(Typ.)	>90%			
	DC FUSE(BUILT-IN)	40A*2ea		20A*2ea	
PUBLIC POWER AC FUSE(BUILT-IN)	15A*1ea	7.5A*1ea	15A*1ea	7.5A*1ea	
CHARGER PART	MAX.CHARGING CURRENT	10A		5A	
	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				
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.LOW VOLTAGE RECOVER	DC11.5-12V		DC23-24V	
	OVERLOAD	700~800W			
	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	270*230*100mm(L*W*H)			
	N.W./UNIT	2.8Kg			
	QTY/Ctn	4 pcs/box. 61*32.5*38.5cm			
	N.W./Ctn	10.9kg			
G.W./Ctn	14.3kg				



- + = **C.P.S**
- Auto 3-Stage Battery Charger: 1.Constant current, 2.Constant Voltage, 3.Float 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