

PURE SINE WAVE INVERTER WITH CHARGER

Offline CPS **CPS1000-1000W/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)

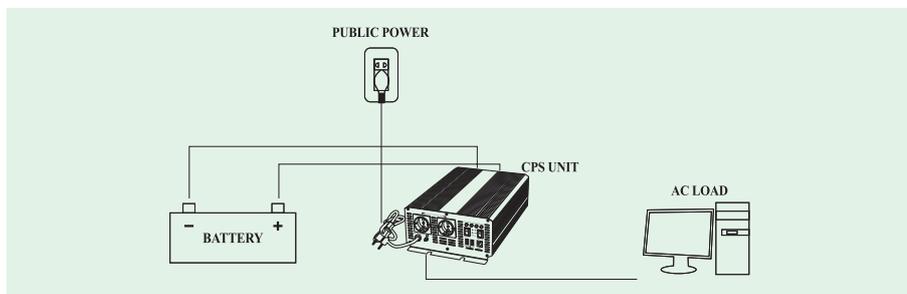


Plug Type (optional)



■ SPECIFICATION:

| Model | | CPS1000-121 | CPS1000-122 | CPS1000-241 | CPS1000-242 |
|------------------|---|---|-------------|-------------|-------------|
| INVERTER PART | AC VOLTAGE | 110V | 230V | 110V | 230V |
| | RATED POWER | 1000W | | | |
| | SURGE POWER | 2000W | | | |
| | 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 | ≤0.45A | | | |
| | AC PUBLIC POWER VOLTAGE | 110V | 230V | 110V | 230V |
| | EFFICIENCY(Typ.) | >90% | | | |
| | DC FUSE(BUILT-IN) | 30A*4ea | | 15A*4ea | |
| | 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 | ≤8 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 | 1100~1200W | | | |
| | 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 | 330*230*100mm(L*W*H) | | | |
| | N.W./UNIT | 3.6Kg | | | |
| | QTY/Ctn | 2 pcs/box. 40*31.5*38cm | | | |
| | N.W./Ctn | 7.2kg | | | |
| | G.W./Ctn | 9.6kg | | | |



- 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