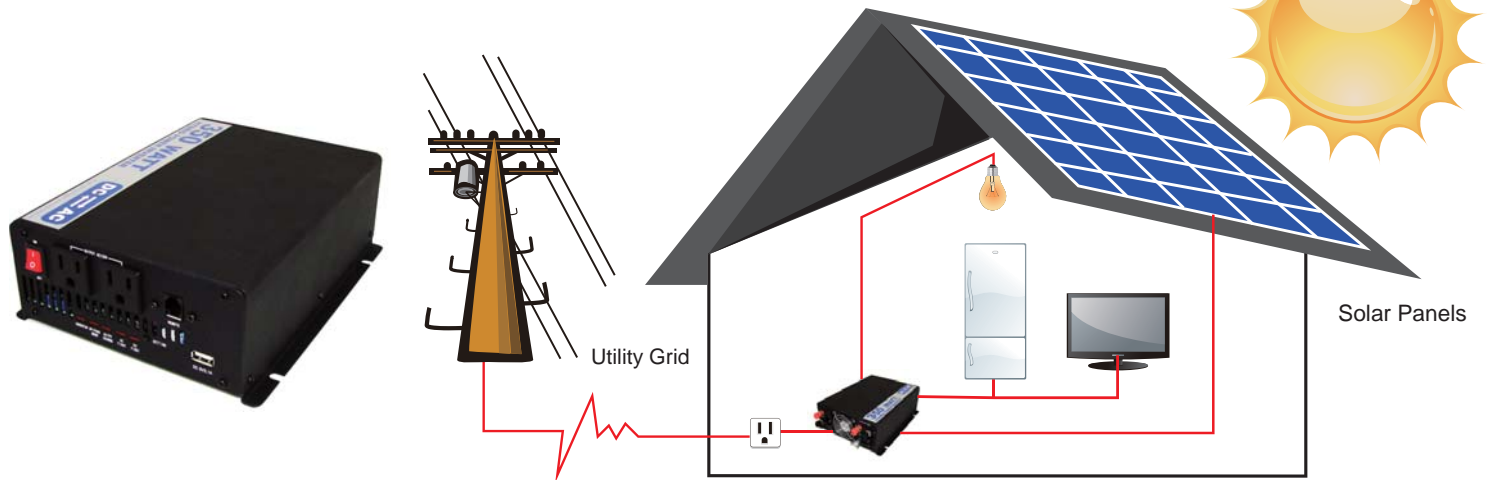


# 350 WATT HYBRID INVERTER

## Don't Blackout, Go Green!

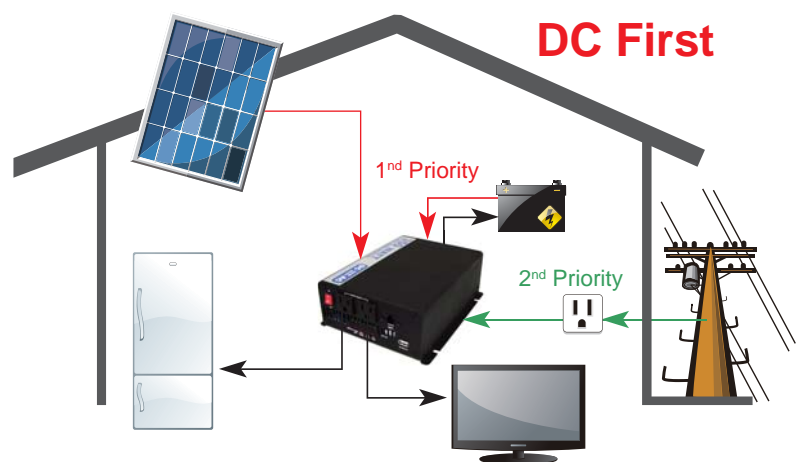
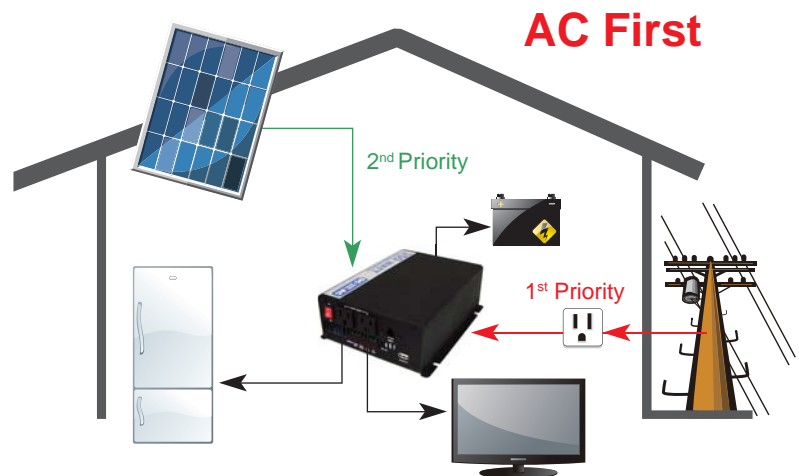


### Product Features:

- ☆ It can charge from either solar power or AC mains. The solar power is given priority.
- ☆ The power supply is controlled by the intelligent chip (MCU).
- ☆ 12 volt DC being converted to high-voltage DC power ends up as AC power.
- ☆ The cooling fan is thermally activated and turns on when the inverter becomes warm.
- ☆ Includes a USB port (5VDC/2.1A) used to charge phones, camera and other appliances.
- ☆ Press the AC/DC priority switch to input either AC or DC power.
- ☆ The AC mains have priority over the inverter and solar mode. (default setting)

### How to Use it?

1. **When you turn it on**, it automatically enters the bypass mode, supplying electricity to the load and charging the battery, or you can press the AC/DC priority switch. (AC First or DC First)
2. **When the power outage occurs**, It will automatically turn on the inverter mode to keep loads running.

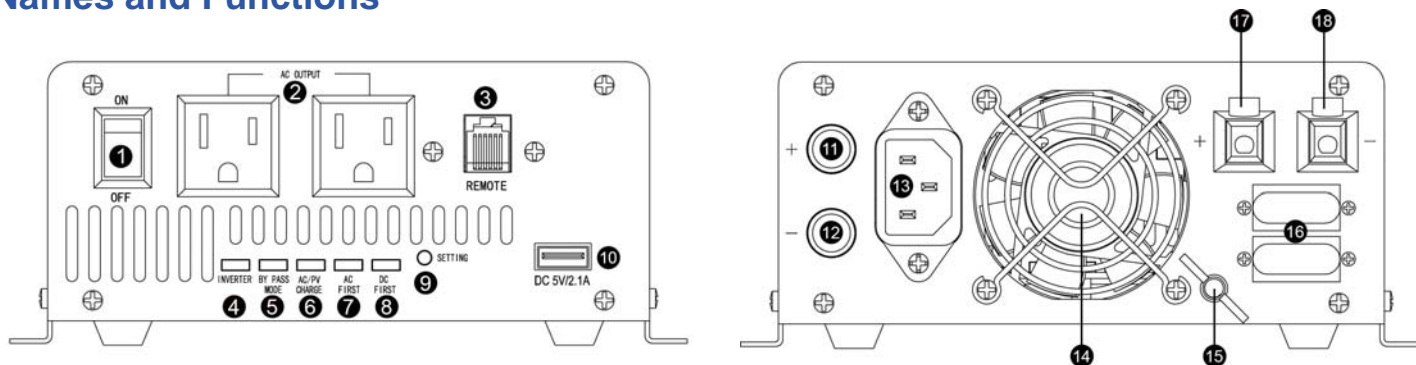


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## Names and Functions



- (1) Power switch
- (2) AC outlet
- (3) Remote control socket
- (4) Inverter mode (RED)
- (5) Bypass mode (RED)
- (6) AC/PV charge (RED)
- (7) AC mains first (RED)
- (8) DC power first (RED)
- (9) AC / DC priority switch
- (10) USB port

- (11) Pos. terminal of solar charger
- (12) Neg. terminal of solar charger
- (13) AC input socket
- (14) Fan
- (15) Ground terminal
- (16) Inverter input fuse
- (17) Pos. terminal of battery
- (18) Neg. terminal of battery



Remote control

DC Cable



Optional

## Specifications:

### ■ Inverter:

- Rated Voltage Range: 11-16VDC
- Low Voltage Alarm / Protection:  $10.5 \pm 0.5$ VDC (Auto Restart)
- High Voltage Protection:  $16.5 \pm 0.5$ VDC (Auto Restart)
- Overload Output: 360-420W
- Peak Power: 700W
- Output Waveform: Pure Sine Wave

### ■ AC Charger:

- AC Input Range: 98-132VAC (UL); 210-245VAC (GS)
- Rated Voltage: 120VAC (UL); 230VAC (GS)
- Frequency Range:  $60 \pm 5$ Hz (UL);  $50 \pm 5$ Hz (GS)
- Overload Output: 350-700W
- Peak Power: 700W
- Max. Charge Voltage:  $14.7 \pm 0.3$ VDC
- AC Outlet: 2

### ■ Solar Charge:

- Max. Charge Current:  $7 \pm 1$ A
- Max. Input Voltage:  $\leq 25$ VDC
- Max. Charge Voltage:  $16 \pm 1$ VDC

### ■ Others:

- USB Output Current: 2.1A
- Operating Temperature:  $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Size (L/W/H): 245 x 180 x 75 MM
- Weight: 2.4 KG