

# CPI 1090



# Cobra®

## POWER INVERTER

**1000 Watts continuous power**  
2000 Watts peak power.

**2 Grounded AC outlets**  
Powers up to two household appliances.

**2.1A USB port**  
Charge iPod®, Blackberry®, mobile phones, tablets and many other USB devices.

**Direct-to-battery cables included**  
Provides power directly from vehicle battery.

**Pentagon Protection™**  
5 levels of protection against failures: thermal shutdown, reverse polarity protection, over-voltage shutdown, low voltage shutdown and low voltage alarm.

**PLUS:**

- Inductive Kick-Back Protection
- GFI Self-Test





# CPI 1090

|                                    |                   |
|------------------------------------|-------------------|
| Continuous power                   | 1,000 watts       |
| Surge power                        | 2,000 watts       |
| Optimum efficiency                 | 88%               |
| No-load draw                       | < 0.25 amp        |
| Output waveform                    | Modified sinewave |
| Input voltage range                | 10-14.4 VDC       |
| Output voltage range               | 115 VAC +/- 5%    |
| Low voltage alarm                  | 11.0 - 11.5 volts |
| Low voltage cut-off                | 10.0 - 10.5 volts |
| AC receptacles                     | 2                 |
| USB Output                         | Yes               |
| Cigarette lighter plug             | N/A               |
| Direct-to-battery cable with clips | Yes               |

|                             |                             |
|-----------------------------|-----------------------------|
| Thermal shut-down           | Yes                         |
| Reverse polarity protection | Yes                         |
| LED volt/amp meter          | Yes                         |
| Warranty                    | 2 Year                      |
| Package type                | Gift Carton                 |
| Product weight              | 2.75 lbs.                   |
| Product dimensions          | 8"L x 6"W x 3.25"H          |
| Package dimensions          | 11.61"H x 6.88"W x 4.52"D   |
| Master pack quantity        | 4                           |
| Master pack dimensions      | 10.25"H x 14.50"W x 12.25"D |
| Master pack weight          | 13.238 lbs.                 |
| UPC                         | 0 28377 31366 0             |
| Master Pack Barcode         | 1 0028377 31366 7           |

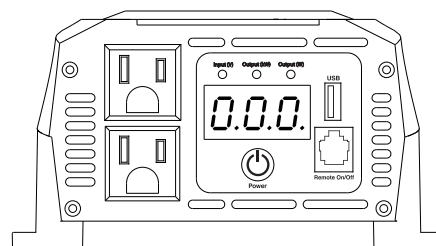
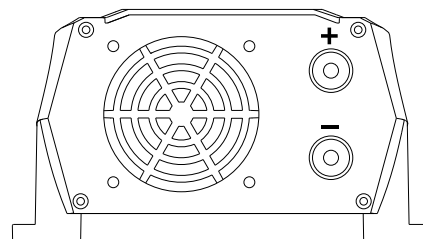
| Application                     | Typical Watts |
|---------------------------------|---------------|
| <b>USB Devices:</b>             |               |
| iPod                            | N/A           |
| Blackberry                      | N/A           |
| MP3 Player                      | N/A           |
| <b>Appliances:</b>              |               |
| Can Opener                      | 100           |
| Electric Knife                  | 100           |
| 12" 3-Speed Fan                 | 250           |
| Mixer/Blender                   | 300           |
| Food Processor                  | 400           |
| Portable Vacuum                 | 550           |
| Mini-Refrigerator               | 600           |
| Toaster Oven                    | 1000          |
| Coffee Maker                    | 1000          |
| Microwave Oven                  | 1000 MIN.     |
| <b>Audio/Visual Equipment:</b>  |               |
| DVD Player                      | 35 (est)      |
| BluRay Player                   | 35            |
| Mini CD Changer System          | 50            |
| 15" LCD Flat Panel TV           | 156           |
| 19" LCD Flat Panel TV           | 168           |
| 22" LCD Flat Panel TV           | 168           |
| 26" LCD Flat Panel TV           | 170           |
| 32" LCD Flat Panel TV           | 170           |
| 2 Amp Stereo Amplifier          | 240           |
| <b>Mobile Office Equipment:</b> |               |
| Inkjet/Bubblejet Printer        | 40            |
| Laptop Computer                 | 50            |
| Fax Machine                     | 120           |
| 20" LCD Monitor                 | 120           |
| 24" LCD Monitor                 | 150           |
| Laser Printer                   | 800           |

| Application                  | Typical Watts |
|------------------------------|---------------|
| <b>Battery Chargers:</b>     |               |
| Laptop Computer Charger      | 25            |
| Cellular Phone Charger       | 25            |
| Camcorder Charger            | 25            |
| 7.2V Cordless Drill Charger  | 25            |
| Cordless Saw Charger         | 35            |
| Hot Melt Glue Gun            | 40            |
| <b>Power Tools:</b>          |               |
| Finishing Sander             | 190           |
| 1/4" Drill                   | 300           |
| Soldering Gun                | 300           |
| 6" Bench Grinder             | 400           |
| 790 F Heat Gun               | 400           |
| 3/8" Reversible Drill        | 700           |
| 10 Gallon Wet/Dry Vacuum     | 900           |
| 6" Circular Saw              | 950           |
| Router                       | 1000          |
| 1200° F Heat Gun             | 1000          |
| Disk Sander                  | 1200          |
| 14" Chain Saw                | 1200          |
| <b>Pumps:</b>                |               |
| 1/6 hp Submersible Sump Pump | 880           |
| 1/4 hp Submersible Sump Pump | 925           |
| 1/3 hp Submersible Sump Pump | 1050          |
| 1/2 hp Submersible Sump Pump | 1400          |



CPI A20  
Optional remote on/off switch

To determine the required wattage for a device. Look up the required Amps a device is rated. This Amperage is found on the device's I.D tag found on the back of the device. Multiply the Amps x Volts = Watts.



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