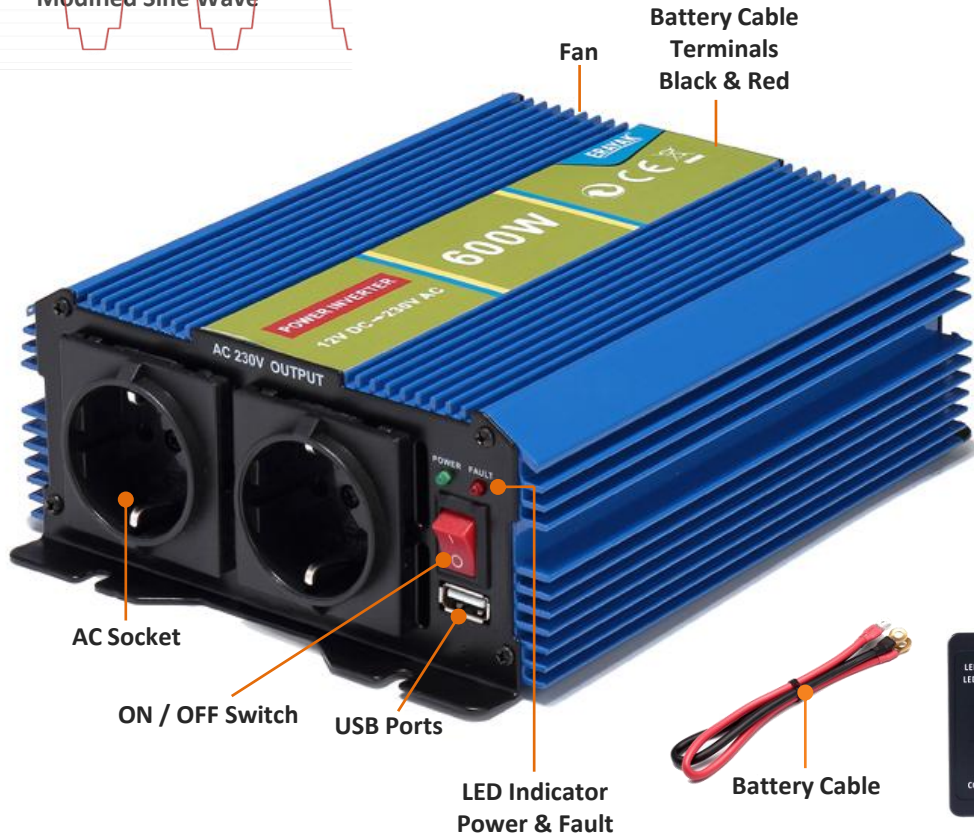


8097U

600W Modified Sine Wave Inverter



Remote Control Switch & Cable (optional)

## Compact 600W Modified Sine Wave Inverter

The ERAYAK 8097U is a professional grade 600 watts pure sine wave inverter providing up to 1200 watts of peak power. It allows you to power office equipment and most household appliances such as TVs, Fans, and mini fridges right from your car, truck, RV, or boat.



### Product Features:

- Modified sine wave output
- High frequency and efficient with small size
- 100% real power
- Input & output fully isolation
- Microprocessor control system
- Smart temperature controlled cooling fan
- Sturdy and durable aluminum alloy case
- USB port for charging most mobile devices (optional type-A & type-C)
- LED status indicators
- Optional Remote controller
- Dual AC output sockets
- Input protection : Reverse polarity (fuse) / Under voltage / Over voltage
- Output protection : Short circuit / Overload / Over temperature

| Model                                             | 8097U1                                       | 8097U2          |
|---------------------------------------------------|----------------------------------------------|-----------------|
| Continuous power                                  | 600W                                         |                 |
| Peak power                                        | 1200W                                        |                 |
| No-load output voltage<br>(@ Rated input voltage) | AC 230V +/- 10V                              |                 |
| Load output voltage<br>(@ Rated input voltage)    | AC 210V -240V                                |                 |
| Frequency                                         | 50Hz +/- 3Hz , 60Hz +/- 3Hz                  |                 |
| USB output<br>(optional Type-A or C)              | Type-A (DC 5V,2100mA) ,<br>Type-C (18W max.) |                 |
| Output wave                                       | Modifies Sine Wave                           |                 |
| Rated input voltage                               | DC 13V +/- 0.2V                              | DC 26V +/- 0.4V |
| Operating voltage range                           | DC 11V - 15V                                 | DC 22V - 30V    |
| NO load current                                   | ≤0.4A                                        | ≤0.3A           |
| Max. efficiency                                   | ≥85%                                         |                 |
| Input low-voltage alarm                           | DC 10.5V +/- 0.3V                            | DC 21V +/- 0.4V |
| Input low-voltage protection                      | DC 9.5V +/- 0.3V                             | DC 19V +/- 0.4V |
| Input over-voltage protection                     | DC 16V +/- 0.3V                              | DC 32V +/- 0.4V |
| Over-load protection                              | 660W - 760W                                  |                 |
| Over Temp. protection                             | Yes, Shutdown output                         |                 |
| Output Short Circuit protection                   | Yes, Shutdown output                         |                 |
| DC Input reverse polarity                         | Yes, by fuse                                 |                 |
| Operating Temp.                                   | -15°C ~ +25°C ;<br>60°C @ 40% power load     |                 |
| Storage Temp. & Humidity                          | -30°C ~ +70°C , 10 ~ 95% RH                  |                 |
| Dimension (L x W x D)                             | 207*165*69mm                                 |                 |
| Packing                                           | Color box , 5 pcs/ctn , 59.5*25.5*23.5cm     |                 |

