



## Extralink Piorun 600VA/480W | Power inverter | pure sine wave, battery voltage 12VDC



link to the product:

<https://www.batna24.com/gb/p/converters/extralink-piorun-600va-480w-power-inverter-pure-sine-wave-battery-voltage-12vdc>

Price: **380.24 zł** gross / 309.14 zł net

Manufacturer: EXTRALINK



Referention number: DNXGGKJPGRMMIN



### Product features

|                          |                                       |
|--------------------------|---------------------------------------|
| Height                   | 120 mm                                |
| Input voltage            | 12 V                                  |
| Output voltage           | 220 V                                 |
| Width                    | 290 mm                                |
| Depth                    | 255 mm                                |
| Suitable for outdoor use | No                                    |
| Cables included          | AC                                    |
| Power supply type        | Auto                                  |
| Built-in blower fan      | Yes                                   |
| Cooling type             | Active                                |
| Input frequency          | 45 Hz                                 |
| Suitable for indoor use  | Yes                                   |
| Display type             | LCD                                   |
| Output power             | 480 W                                 |
| Product colour           | Black                                 |
| Power current type       | DC-to-AC                              |
| Output frequency         | 50 Hz                                 |
| Built-in display         | Yes                                   |
| Watch case material      | Acrylonitrile butadiene styrene (ABS) |

|                |           |
|----------------|-----------|
| Designation    | Universal |
| Product weight | 6680 g    |

## Full product description

### Extralink Lightning 600VA 480W pure sine wave inverter

Introducing the powerful **Extralink Lightning inverter with pure sine wave**, designed to meet all your power supply needs. Our inverter features a fast switching time, ensuring a seamless transition from mains to battery power in the event of a power outage. In addition, the **Extralink Lightning is designed with multiple layers of protection**, including overload, overvoltage, short circuit and over-temperature protection, ensuring safe and reliable operation. The Extralink inverter combined with [Extralink batteries](#) (sold separately) [will create a reliable UPS backup power system](#).

## MULTIPURPOSE – RELIABLE POWER SUPPLY IN ANY SITUATION

**Heating  
and pumps**

**IT networks and  
network infrastructure**

**Medical devices**

**Security systems  
and emergency lighting**

**One UPS device – many applications: heating, IT,  
medicine, security systems**

### Key features of Extralink Lightning 600VA/480W

- Very wide range of input voltage from mains
- Stable output voltage (pure sine wave output), can be used for all electrical appliances
- LCD display with lots of information
- CPU control

- Short switching time, high efficiency
- Intelligent battery management to extend battery life
- Protection against overload, short circuit, over temperature



## UPS

Emergency power supply in case of power failure



## Inverter

Converts DC power from the battery to 230V AC



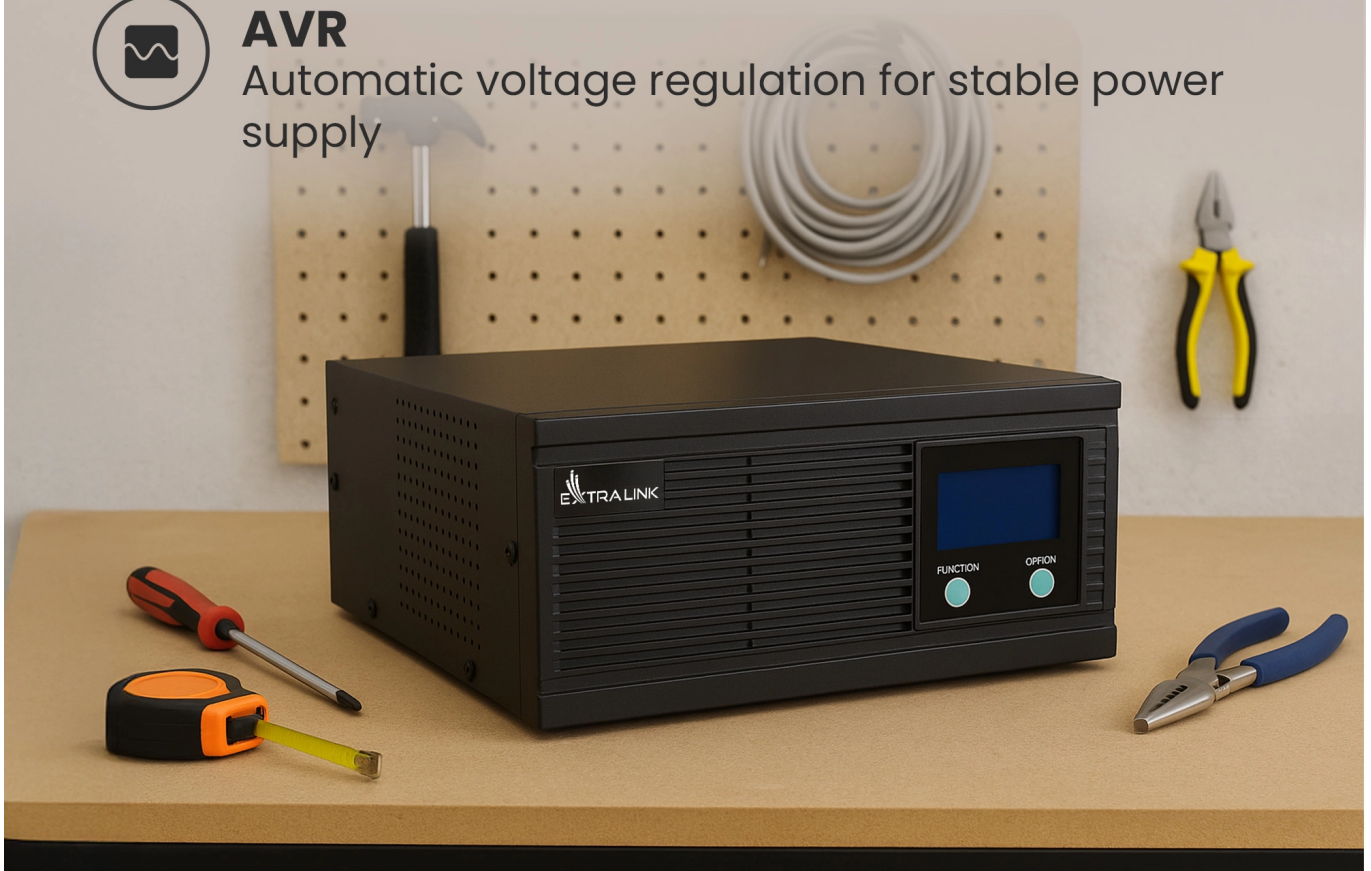
## Charger

Automatic 12V battery charging



## AVR

Automatic voltage regulation for stable power supply



## Pure sinusoidal waveform

One of the key features of our inverter is its **ability to produce a pure sine wave output**. This means that the alternating current produced by the inverter has the same quality and stability as the current supplied by the power grid. Pure sine **wave** is essential for powering sensitive electronic devices such as laptops, refrigerators, televisions and the most sensitive ones namely furnaces, CO pumps and medical equipment, which can be easily damaged by inconsistent or unstable power supply. With the pure sine wave output of our inverter, you can be sure that your electronic devices will run smoothly and efficiently, without risk of damage.

|                        | PIORUN                                                                            | Offline UPS                                                                         |
|------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                        |  |  |
| Runtime                | Scalable – dependent on battery                                                   | Usually 5–15 min                                                                    |
| Battery                | External 12V (gel/AGM)                                                            | Built-in, small                                                                     |
| Powered devices        | Furnaces, servers, medical equipment                                              | Computers, routers                                                                  |
| Inverter               | ✓                                                                                 | ✗                                                                                   |
| Charger                | ✓                                                                                 | ✗                                                                                   |
| AVR                    | ✓                                                                                 | Sometimes                                                                           |
| Battery replaceability | ✓                                                                                 | ✗                                                                                   |

### UPS emergency power supply in combination with Extralink batteries

[Together with 12V batteries from Extralink](#) (sold separately), the inverter functions as a UPS. UPS mode provides uninterrupted power in case of a power outage. When mains power is available, the inverter charges the batteries and ensures that they are always ready to provide emergency power. When mains power is interrupted, the inverter automatically switches to battery power, ensuring a quick switchover and uninterrupted power supply. UPS mode is ideal for powering critical equipment such as servers, routers and security systems that require uninterrupted power to operate efficiently. With the UPS mode of our inverter and 12V Extralink batteries, you can enjoy peace of mind knowing that your critical equipment will always be powered, even during extended power outages.

# Automatic emergency power supply for heating systems. Protection during power outages.

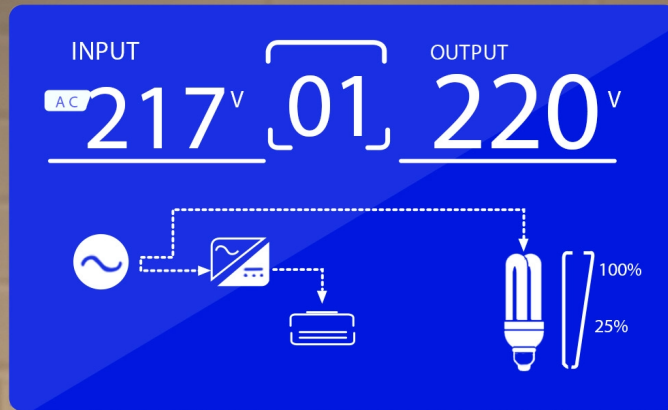


Compatible with 12V batteries (AGM, Gel, LiFePO4). Power: 480 W (12 V – 230 V, pure sine wave)

## Clear LCD display

Our Extralink Lightning inverter features **an easy-to-read LCD display** that allows you to instantly monitor the inverter's performance and status. The LCD display shows real-time key information such as input voltage, output voltage, battery charge level and load level. With this information at your disposal, you can easily monitor the inverter's performance and ensure optimal operation. In addition, the **LCD display is backlit**, making it easy to read even in low-light conditions.

# Real-time LCD display – input/output voltage, battery level, and load at a glance.



Ideal for furnaces, servers, and sensitive devices – reliable 12V UPS with pure sine wave.

## Multi-level protection for reliable operation

Layers of protection ensure safe and reliable operation of the inverter and connected devices, which are protected from potential damage or failure.

- **Overload protection**, which protects against excessive current consumption
- **Over-voltage** protection, to protect against high input voltage
- **Undervoltage** protection, to protect against low input voltage
- **Short-circuit protection**, to prevent damage in the event of a short circuit
- **Over-temperature** protection, to protect against overheating

# Pure sine wave, safe for sensitive devices



**6.6kg**



120mm

290mm

255mm

Ideal for furnaces, servers, medical devices,  
and emergency systems.