

# ELMARK<sup>®</sup>

## The Brand of Electricity

### OFF-GRID SINGLE-PHASE SOLAR SYSTEM WITH POWER OF 1000W - SET



The available 1000W kit is extremely compact and easy to carry. The quality of the electricity it produces is stable and comparable to that of mains electricity. Its compact size and mobility make it extremely suitable for powering small off-grid consumers. The battery is built into the inverter housing and the solar panel is placed in a convenient carrying bag.

In addition to sunlight, the inverter's lithium-ion battery can be charged from the mains (220V) or from a car battery (12V). The inverter has many different types and voltages of output ports, making it a versatile device suitable for powering appliances with different purposes.

**Catalogue number: 98SOL1001**

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## SPECIFICATION:

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- Peak power AC: 2000W
- Output Voltage: 220V/50HZ; AC110V/60HZ; 12V
- Waveform: Pure sine wave (sinusoid)
- Battery type: Li-ion 3.6V/2600mAh
- Battery capacity: 1048Wh
- Current charge characteristics: 29.4- 40V 15A (MAX)
- Solar panel current charge characteristics: 36V/ 100W
- Charging time required: 6-8h
- USB outputs: USB 2.05V 2A/USB QC 3.0/ Type-C
- Outputs 12V DC: 2x10A
- Outputs 220V DC: 2
- Operating temperature: from -10 to 60°C
- Dimensions LxWxH: 360x215x300mm
- Net weight of the inverter: 10.5kg

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## ADVANTAGES OF THE SYSTEM:

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- It can be used as a backup power supply in case of failure of the main power supply for stand-by lighting or other important low-power consumers.
- High quality, rechargeable lithium-ion battery with cover capacity 1048Wh
- The inverter has 2 universal outlets 100-240V AC (1000W), compatible with all known world standard plugs USB ports for smartphones, iPad, MP3, camera, hobby (helicopters,drones, etc.)
- Lighter for car
- Ports for simultaneous battery charging and discharging
- 12V petrol car start function
- Overload protection and warning, short circuit, overheating, overvoltage

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## THE SOLAR SET INCLUDES:

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- Inverter (charging station) with built-in lithium-ion battery and power of 1000W
- Solar panel 36V 100W