

# ELMARK<sup>®</sup>

## The Brand of Electricity

### OFF-GRID SINGLE-PHASE SOLAR SYSTEM WITH POWER OF 300W - SET



The 300W power kit on offer is extremely compact and easy to carry. The quality of the electricity it produces is stable and comparable to that from the grid. Its compact dimensions and mobility make it extremely suitable for powering small consumers off the grid. The battery is built into the body of the inverter 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: 98SOL501**

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## SPECIFICATION:

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- Rated power AC: 300W
- Peak power AC: 600W
- Output Voltage: 220V/50HZ; AC110V/60HZ; 12V
- Waveform: Pure sine wave (sinusoid)
- Battery type: Li-ion 3.7V/3350mAh
- Battery capacity: 495Wh
- Charge current characteristics: 18- 30V 3.5A (MAX)
- Solar panel current characteristics: 18V/ 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: 205x105x170mm
- Net weight of the inverter: 3.6kg

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## ADVANTAGES OF THE SYSTEM:

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- Three ways to charge the battery - from the mains, battery, solar power
- 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 495Wh
- The inverter has 2 universal outlets 100-240V AC (300W), 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 300W
- Solar panel 18V 100W