4. Elecstor Eco Mini - Specifications

MODEL	ELECSTOR ECO MINI		
RATED FREQUENCY	100~240Vac/50-60Hz		
OUTPUT POWER (MAX)	18W		
OUTPUT	USB INTERFACE	DC INTERFACE	POE INTERFACE
OUTPUT VOLTAGE (SELECTABLE)	5Vdc	9Vdc 12Vdc	15Vdc/24Vdc
OUTPUT POLARITY	Standard	— ⊙— +	+4,5 pins -7,8 pins
OUTPUT POWER & CURRENT (IN COMMON)	2.0A / 10W	1.0A / 9W 1.0A / 12W	(0.8A/15V) OR (0.5A/24V) 12W
QTY & CAPACITY OF BATTERY	2000 mAh x 4 LiFeP04		
UNIT DIMENSIONS (MM)	160x105x28mm		
NET WEIGHT (KG)	0.4		

Product specifications are subject to change without notice

⚠ WARNING

1. Please ensure that you fully charge the Elecstor Eco Mini before first use.
2. Before connecting a device, you must ensure that the voltage of the loads corresponds with the selected voltage on the Mini DC UPS unit.
3. The product warranty will be voided in cases where the unit has been dropped, hit, dissasembled, or privately repaired.
4. This device is not waterproof and should be kept safely away from any liquids.
5. This device is not fireproof and should be kept away from flammable environments.
6. This device should be kept away from fire and any source of heating.
7. Keep this device safely out of reach of children.

TO ENSURE THAT THE ELECSTOR ECO MINI IS TRASPORTED SAFELY, THE DEVICE IS FORBIDDEN FROM LEAVING THE FACTORY WITH A FULL CHARGE. PLEASE FULLY CHARGE YOUR UNIT BEFORE FIRST USE!
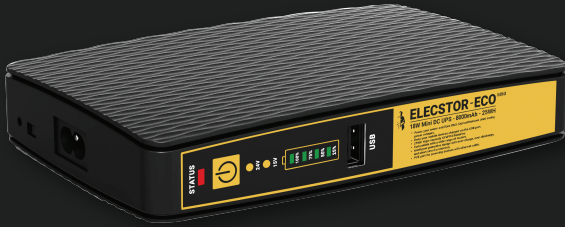
ELECSTOR-ECO MINI
18W Mini DC UPS - 8000mAh - 25WH

Thank you for choosing the
ELECSTOR-ECO MINI
Before operating this unit, please read the USER MANUAL carefully to get the most out of this device

ALWAYS CHECK THE VOLTAGE, CURRENT AND POLARITY OF YOUR DEVICE IN ORDER TO SELECT THE CORRECT CORRESPONDING VOLTAGE WHEN CONNECTING TO THE UPS.

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1. Product Features:

1. High capacity LiFeP04 battery technology.
   This robust battery technology is superior to Lithium Ion variants giving the Elecstor Eco Mini longer discharge times as well as increasing the overall battery lifespan.
2. High compatibility, suitable for most digital products available in the market
3. USB output (5V) can supply charging for a wide range of smart products such as: wifi router, fibre ONU, mobile phones and more.
4. Power Over Ethernet (POE) is able to transmit the data from your router as well as power from the Elecstor Eco Mini unit to keep your routers and fibre solutions running.
5. The Elecstor Eco Mini was built with intelligent circuit design. To ensure your devices safety it comes with built in over-chargging, over-discharging and short circuit protection
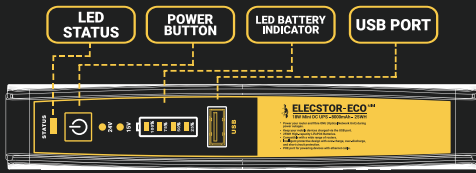
2. Directions for use:

1. Please fully charge the device before first use by plugging the device into a wall socket.

2. To switch on the device, press and hold the (I/O) power button for 3 seconds.
   - Once the device is connected to a power source the status light will turn green.
   - When the device is charging the battery indicator lights will begin to flash.
   - When the device is fully charged the battery indicator lights will stop flashing.
   - The battery status indicator represents 25%, 50%, 75% and 100% battery life.
   - When the device is disconnected from a power source the STATUS LIGHT will turn red which indicates that the device has now entered backup power mode and will begin draining the onboard batteries to provide backup power.
   - Once the device reaches 25% battery life the status light will begin flashing: This indicates that the device's battery is critically low.

3. This device includes 5V, 9V and 12V DC output ports, to correspond with the input of various devices.
   - Please ensure that the total power of all connected devices DOES NOT EXCEED the maximum power output 18W
   - If the 18W power output limit is exceeded, the ports will malfunction, and the status light will flash yellow.

4. To power a router and fibre ONU, or any other device from the DC ports – plug the single end of the splitter cable into one of the 5V/9V/12V DC output ports.
   Plug the other end of the splitter cable into the DC ports on the router and fibre box. Adapters are included to match the different input port sizes on different devices.

5. To make use the POE functionality your devices must be POE compatable.
   To power a router and fibre ONU from the POE port you will need to connect a LAN cable from your routers POE Port to the Elecstor Eco Mini POE port.
   The Elecstor Eco Mini comes with an ethernet port that will allow for the direct transmission of data. A LAN cable can then be connected to the device that requires internet access.

6. When using the USB port, connect your device to the front of the unit.

7. The Mini DC UPS will shut down automatically when the battery is low. Once the power is restored the device will automatically turn on and begin to recharge the battery until full.

8. When this device is not in use, ensure that it is fully charged and stored in a cool, dry place. To ensure that the battery does not degrade it is recommended to recharge the device once per month when not in use.
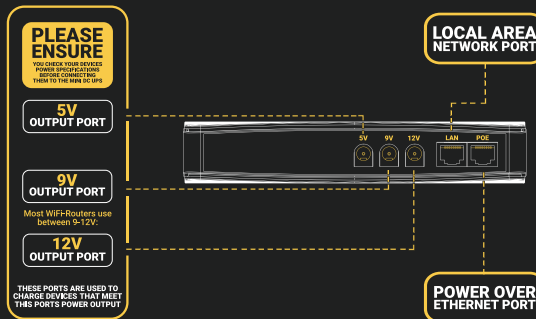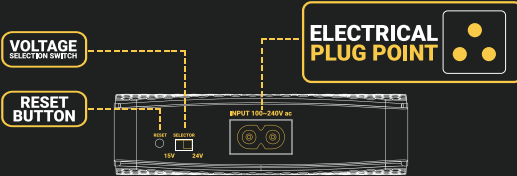
3. Technical Diagrams:

ELECSTOR - ECO MINI FRONT

LED STATUS | POWER BUTTON | LED BATTERY INDICATOR | USB PORT

ELECSTOR - ECO MINI REAR

PLEASE ENSURE
YOU CHECK YOUR DEVICES POWER SPECIFICATIONS BEFORE CONNECTING THEM TO THE MAIN PORTS

5V OUTPUT PORT
9V OUTPUT PORT
Most WiFi-Routers use between 9-12V
12V OUTPUT PORT
THESE PORTS ARE USED TO CHARGE DEVICES THAT MEET THIS PORTS POWER OUTPUT

LOCAL AREA NETWORK PORT

5V 9V 12V LAN POE

POWER OVER ETHERNET PORT

ELECSTOR - ECO MINI SIDE

VOLTAGE SELECTION SWITCH

ELECTRICAL PLUG POINT

RESET BUTTON

INPUT 100~240V AC

⚠ WARNING

Please ensure that the COMBINED POWER DRAW of the connected devices DOES NOT EXCEED 18W The MAXIMUM OUTPUT of the connected devices must never under any circumstances exceed the Elecstor-Eco-Mini design limit of 18W.

To determine the amount of power demand in Watts (W), look on the unit's marking plate (Generally located on the products power adapter or on the rear of the product. Take the Voltage (V) and multiply it by the Amperage (A) to dermine the Wattage (W)

FORMULA EXAMPLE
6V x 2A = 12W

CAUTION: If the combined powerdraw of the connected devices exceeds 18W, then it may cause damage to the Elecstor-Eco-Mini

ELECSTOR-ECO SYSTEM

MINI DC UPS:	PORTABLE POWER STATIONS	RECHARGABLE LOADSHEDDING GLOBES
PERFECT FOR NETWORKING DEVICES AND FOR KEEPING YOUR PHONE CHARGED DURING AN OUTAGE	AVAILABLE IN 100W, 300W AND 500W PORTABLE POWER STATIONS	PERFECT FOR KEEPING THE LIGHTS ON DURING A POWER OUTAGE

⚠ WARNING

DO NOT DISASSEMBLE, SQUEEZE, SHORT-CIRCUIT THE BATTERIES INSIDE THE ELECSTOR MINI DC UPS UNIT

DO NOT DISPOSE OF THE BATTERIES IN WATER OR FIRE

DO NOT STORE OR PLACE THE DEVICE IN ANY AREA THAT REACHES TEMPERATURES OF OVER 60°C [140°F]

② 2 hours recharge time | PLEASE ENSURE THAT THIS DEVICE IS FULLY CHARGED BEFORE FIRST USE