



Mango Power E Home Backup and Portable Power Station User Guide

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Mango Power E Home Backup and Portable Power Station



DISPLAY

GENERAL DISPLAY SCREEN

The Mango Power E unit has a startup touchscreen display that will showcase all the information needed to operate the unit.

- The status bar shows you all your unit's vital information – including the Wi-Fi and Bluetooth connections, the remaining battery power status, and the unit's serial number
- which can be seen when you click on the Mango Power logo.



- When the icons turn from grey to yellow, it means that the prescribed feature is now active.

- The AC Load and DC Load icons act as the quick-switch and load power display buttons.
- When the icon is pressed, it turns yellow to signify it is active and displays the current power output.
- Thereafter, connect your devices to the socket and USB ports on the operation panel.



CHARGING INPUT

This function will indicate whether the unit is receiving its charging power from the solar panels or the power grid at any given time.



SETTINGS

[Click here](#) to further configure any of your Mango Power E settings and advanced charging specifications.

NOTIFICATIONS

This section will display any notifications or messages to be viewed and cleared. Operational faults can also be viewed and cleared under this tab.

BACKUP MODE

Connects to Essential Loads. The default is 500W, with 85% power used for backup (this can be modified under Settings).

- When the BACKUP icon light is yellow, it indicates that backup mode is enabled. The AC load power and grid input can then be simultaneously viewed, and the grid will continue to charge the battery to ensure that the unit's power supply capacity is maintained accordingly.
- When the grid experiences a power outage or is overloaded, the Mango Power E unit will automatically switch to the battery power supply in less than 20 milliseconds
- ensuring immediate power supply.



QUICK CHARGE

When using the power grid for fast charging, or if the solar panels or generators are connected to charge simultaneously, the Quick Charge function can be used.

The Mango Power E uses the best CATL LFP cells – that support quick charging – and allow the charging rates of different gears to be changed in your Settings.



GETTING STARTED

1. SWITCHING THE UNIT ON

- Briefly press down the Power button for 1 second.
- The LED light of the power button will flash and the touchscreen will switch on.

2. USING USB OUTPUT PORTS OR DC OUTLETS TO CHARGE DEVICES (CELLPHONES, LAPTOPS ETC.)

To charge a device using one of the multiple USB ports or the DC outlet on the Mango Power E device:

- Press the “DC” icon on the touch screen to allow for DC power supply.
- Connect the device to its relevant port
- Allow it to charge.

3. USING POWER-CONSUMING DEVICES (HAIRDRYERS, APPLIANCES ETC.)

When using a power-consuming device:

- Select “AC” on the touchscreen to access the AC power supply.
- Connect the appliance through the AC socket.
- Use your device as needed.

4. POWER YOUR APPLIANCE AND CHARGE THE MANGO POWER EAT THE SAME TIME

Easily charge your Mango Power E device while it’s being used to power your appliances.

- Simply connect the Mango Power E to the AC charging cable.
- Connect the appliance.
- Then turn on the backup mode.

NOTE: When using the device in backup mode, you do not have to select the “AC” option.

5. CONNECTING A MANGO POWER E BATTERY FOR ADDITIONAL POWER

Increase your power output to 7.06 kWh by connecting a MANGO POWER E battery to your unit.

- Ensure that the unit is switched off completely.
- Connect your Mango Power E unit to the Mango Power E battery using the E+ Connection Cable through the side of the unit.
- Make sure that the “extra battery” icon is displayed afterward to ensure that the connection was successful.

6. DOUBLING UP AND USING A 240V SPLIT-PHASE OUTPUT

The Mango Power E supports 240V split-phase output through the connection of 2 units.

- First, plug the E-Link Communication Cable into the E-Link port on the side of each unit. The E-link cable is included in the mSocket Pro Box.
- Connect an additional Mango Power E battery to each unit, as shown above.
- Use the mSocket Pro accessory to connect both plugs to the 30A AC outlet of each of the Mango Power E units.
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- Finally, turn on both units and use the touchscreen from one of the connected units to turn on the AC output option. Now you can make use of a doubled output power supply

7. CONNECTING YOUR MANGO POWER E UNIT TO YOUR PHONE

The Mango Power App allows you to intelligently control your device remotely and gives you complete peace of mind wherever you are. Scan the QR code here to download and get started.

- To connect your device to the app, first turn on your Mango Power E unit then follow these steps.
- Open the Mango Power App, then register and log into your Mango Power account.
Click on “Add device”, then select the Mango Power E icon and enter your unit’s serial number
which is found at the bottom of the device, or simply after pressing “Mango Power” on the unit’s touchscreen.
- Under the internet settings tab, type in your Wi-Fi network name and password to fully configure the device. Alternatively, you may connect the device through Bluetooth.
- Thereafter, your Mango Power E unit can be controlled from the app entirely.

8. SWITCHING THE UNIT OFF

To turn the machine off again:

- Press and hold the Power button for 1 second.
- The touch screen will go dark and the machine will shut down.

www.mangopower.com

Documents / Resources



[Mango Power E Home Backup and Portable Power Station](#) [pdf] User Guide
Power E Home Backup and Portable Power Station, Power E, Home Backup and Portable Power Station, Portable Power Station, Power Station

References

- [User Manual](#)

Manuals+.