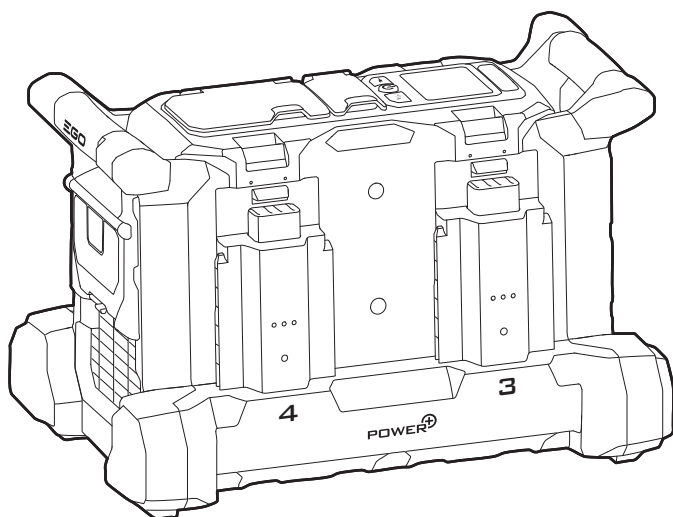




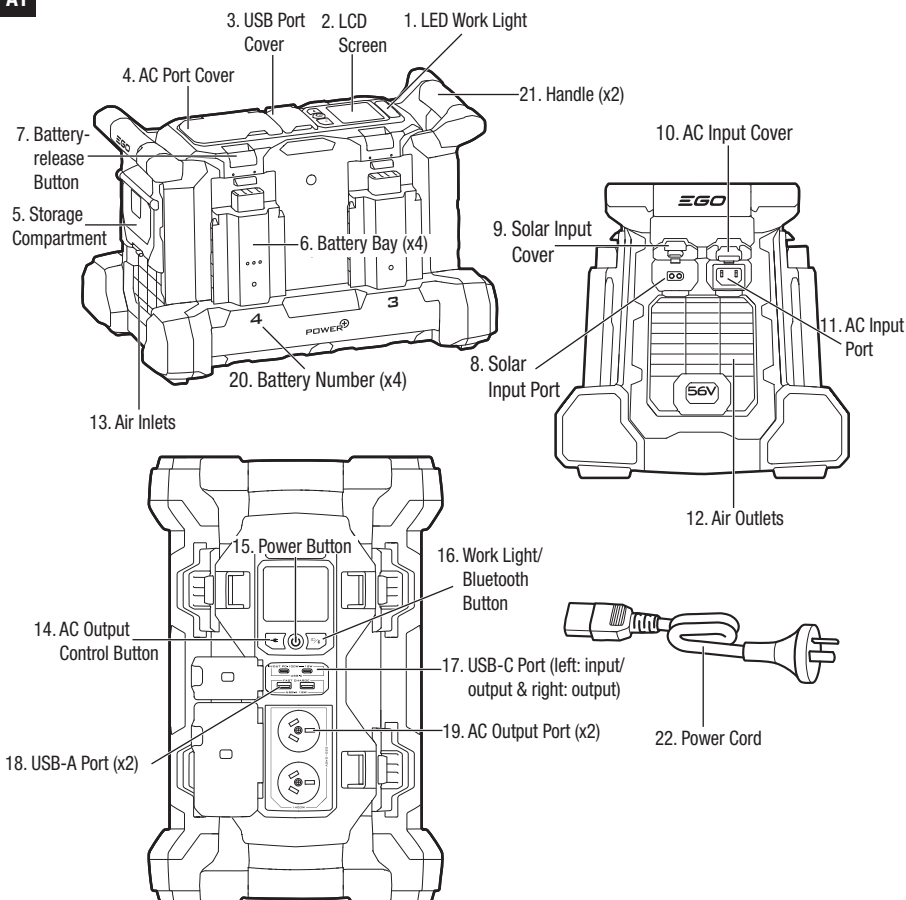
OPERATOR'S MANUAL

56 VOLT PORTABLE POWER STATION

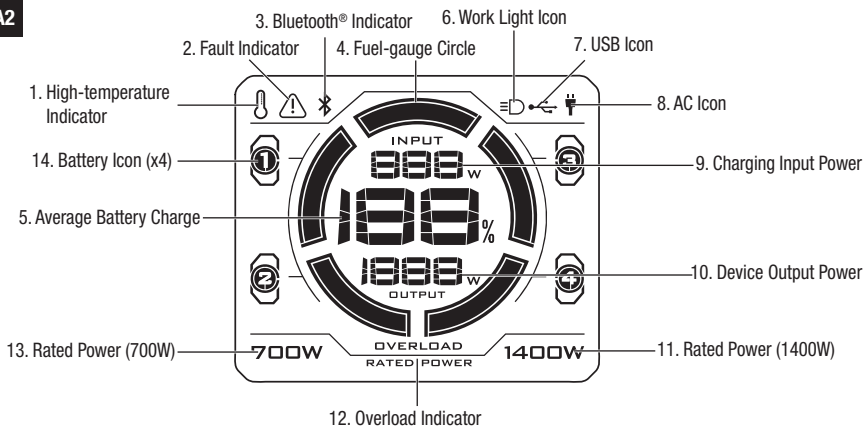
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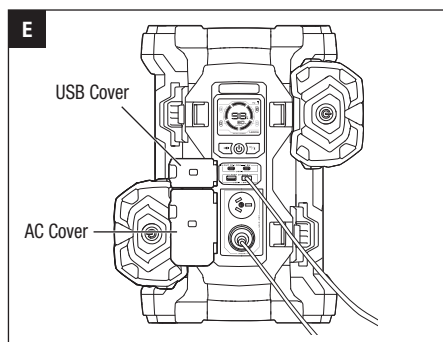
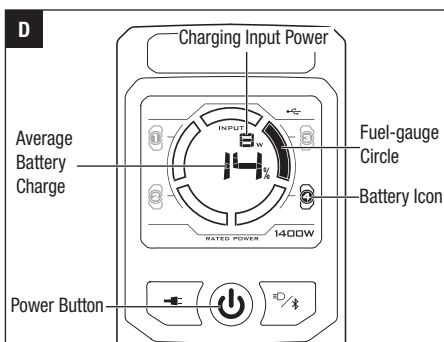
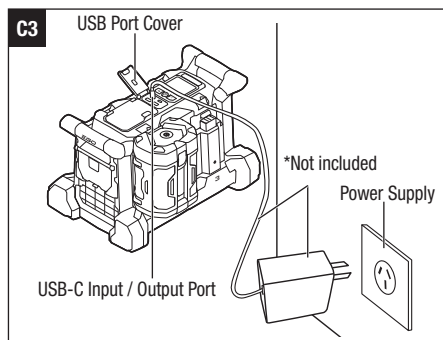
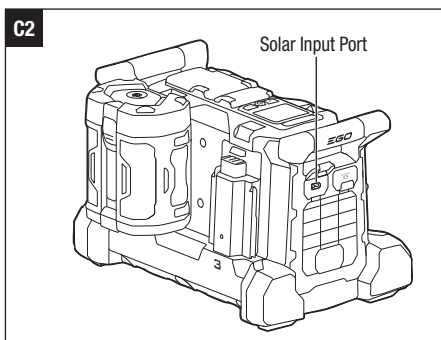
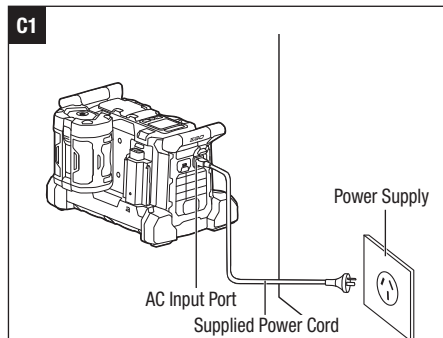
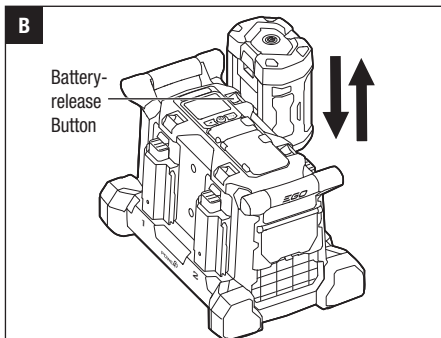
⚠ WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

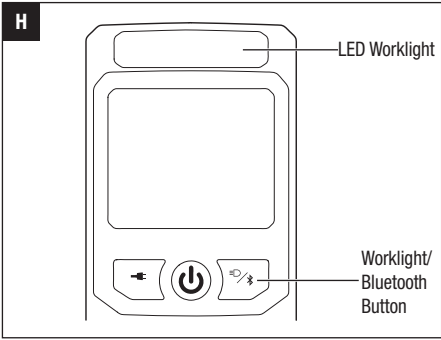
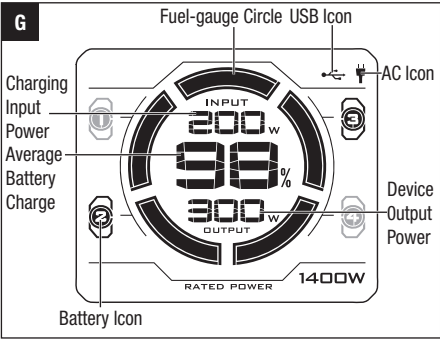
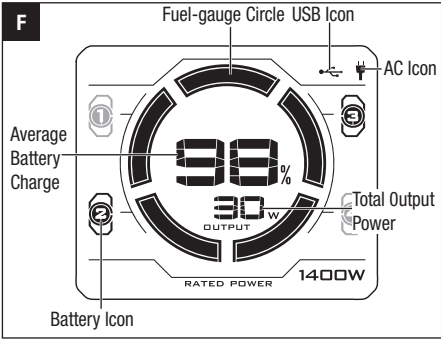
A1



A2







READ ALL INSTRUCTIONS!



READ OPERATOR'S MANUAL

⚠ WARNING: To ensure safety and reliability, all repairs and replacements should be performed by a qualified service technician.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "**DANGER**", "**WARNING**", and "**CAUTION**" before using this tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING

⚠ SAFETY ALERT SYMBOL: Indicates **DANGER**, **WARNING**, or **CAUTION**. May be used in conjunction with other symbols or pictographs.



⚠ WARNING: The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

SAFETY INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the tool before attempting to assemble and operate.

	Safety Alert	Precautions that involve your safety.
	Read Operator's Manual	To reduce the risk of injury, user must read the operator's manual.
	WARNING – A lithium coin battery is fully enclosed under the LCD screen.	The battery is hazardous and is to be kept away from children (whether the battery is new or used); The battery can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body; Medical attention should be sought immediately if it is suspected the battery has been swallowed or placed inside any part of the body.
	Class II Construction	Double-insulated construction
	Indoor Use	Use this device indoors only
T 12.5A 	Fuse-Links	Time-lag miniature fuse-link
	Types of Inverter	Isolated inverter
	Bluetooth®	Bluetooth® Symbol
	Noise	Sound power level
	Regulatory Compliance Mark	This product complies with applicable Australian standards.
	Alternating Current	Type or a characteristic of current
	Direct Current	Type or a characteristic of current
V	Volt	Voltage
A	Amperes	Current
VA	Volt-Ampere	Power
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power

Ah	Ampere-Hours	Battery Capacity
min	Minutes	Time
kg	Kilograms	Weight
°C	Degrees Celsius	Temperature

⚠ WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS

- Read all the instructions before using the product.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not put fingers or hands into the product.
- Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified battery packs may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- When charging the battery pack, work in a well-ventilated area and do not restrict ventilation in any way.
- Under abusive conditions, liquid may be ejected from the battery pack; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery pack may cause irritation or burns.
- Do not expose the battery pack to fire or excessive temperature. Exposure to fire or temperature above 100°C may cause explosion.

- Do not expose the power station to rain or wet conditions. Water entering the power station will increase the risk of electric shock.
- The power station is not intended for any use other than charging small (up to 154W for all USB ports combined) USB electronics or small (up to 1400VA for two AC output ports combined) AC devices. Any other use may result in damage.
- Switch off the power station when not in use.
- Use the power station only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Do not disassemble the power station. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- Have your power station serviced by a qualified repairperson using only identical replacement parts. This will ensure that the safety of the power station is maintained.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.
- For Class II appliances only.
- Do not use the product to charge non-rechargeable batteries.
- Use only with EGO battery packs listed below.

LI-ION BATTERY PACK

BA1400T, BA2800T, BA4200T, BA4480X, BA5600T, BA6720T

SAVE THESE INSTRUCTIONS!

SPECIFICATIONS

Model	PST1400E	
Discharging	Input Voltage	56V
	Input Current	35A Max.
	USB-A Output x 2	5V 3A; 9V 2A; 12V 1.5A, 18W Max.
	USB-C Output x1	5V 3A; 9V 2A; 12V 1.5A, 18W Max.
	USB-C Input/ Output x1	5/9/12/15V 3A; 20V 5A, 100W Max.
	AC Output x 2	220V-240V~ 50/60Hz, 1400VA, 2100VA Peak (2 AC ports combined)
Charging	Charging Output	4x56V 13.5A Max.
	AC Charging Input	220V-240V~ 50/60Hz, 900W Max.
	Solar Input	12/24V 200W Max.
	USB-C Input/ Output	5/9/12/15V 3A; 20V 5A, 100W Max.
Charging & Discharging*	AC Input	220V-240V~ 50/60Hz, 1400W Max.
Output Waveform	Pure Sine Wave	
Recommended Charging Temperature	5 °C - 40 °C	
Recommended Discharging Temperature	-15 °C - 40 °C	
Recommended Storage Temperature	-20 °C - 70 °C	
Weight (without battery pack)	8 kg	

*Other parameters listed above applicable to Charging & Discharging where relevant.

PACKING LIST

PART NAME	QUANTITY
Power Station	1
AC Power Cord	1
Operator's Manual	1

DESCRIPTION

KNOW YOUR POWER STATION (Fig. A1)

- LED Work Light
- LCD Screen
- USB Port Cover
- AC Port Cover
- Storage Compartment
- Battery Bay (x4)
- Battery-release Button
- Solar Input Port
- Solar Input Cover
- AC Input Cover
- AC Input Port
- Air Outlets
- Air Inlets
- AC Output Control Button
- Power Button
- Work Light/Bluetooth Button
- USB-C Port (left: input/output & right: output)
- USB-A Port (x2)
- AC Output Port (x2)
- Battery Number (x4)
- Handle (x2)
- Power Cord

KNOW THE ICONS AND INDICATORS ON THE LCD SCREEN (Fig. A2)

- High-temperature Indicator
- Fault Indicator
- Bluetooth® Indicator
- Fuel-gauge Circle
- Average Battery Charge
- Work Light Icon
- USB Icon

8. AC Icon
9. Charging Input Power
10. Device Output Power
11. Rated Power (1400W)
12. Overload Indicator
13. Rated Power (700W)
14. Battery Icon (x 4)

*Power Button

To turn the power station on/off when one or more battery packs are installed.

NOTE: With the battery pack(s) installed, connecting an AC, solar, or USB-C power source can directly start the power station.

LED INDICATOR ON BATTERY PACK(S)

When working with the power station, the battery pack's indicator lights may flash alternately in green, red, and yellow; glow solid green; or show only the last LED flashing green while others remain solid.

This may vary by battery pack model, and is independent of the power station's working status.

⚠ WARNING: The safe use of this product requires an understanding of the information on the tool and in this instruction manual as well as knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

OPERATION

⚠ WARNING: Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING: Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

⚠ WARNING: Do not modify or attempt to repair the power station except as indicated in the instructions for use and care.

Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Securely tighten all fasteners and caps and do not operate this product until all missing or damaged parts are replaced.

APPLICATIONS

You may use this product for power emergencies, camping, and any time you need power for long periods of time.

NOTICE: The tool is to be used only for its prescribed purposes. Any other use is deemed to be a case of misuse.

ATTACHING/DETACHING THE BATTERY PACK (Fig. B)

Refer to corresponding battery pack and charger manuals for more details.

Use only with EGO's battery packs and chargers listed in Fig. A3.

Fully charge the battery pack before first use.

To attach

Align the battery ribs with the mounting slots and press the battery pack down until you hear a "click".

To detach

Depress the battery-release button and pull the battery pack out.

CHARGING EGO BATTERY PACKS

The power station is designed to charge battery packs via the AC input port (Fig. C1), solar input port (Fig. C2), or USB-C input/output port (Fig. C3).

1. Connect the power station to the power source and make sure that the connections are secure and reliable:
 - Open the AC input cover on the side of the power station, then connect the AC input port to the power supply (220V-240V ~ 50/60Hz) using the supplied 2 x 1.5 mm² power cord (Fig. C1).

NOTICE: Always use a power cord with conductors of at least 2 x 1.5 mm² and suitable current/power rating.

- Open the solar input cover on the side of the power station, then connect the solar input port to a 12V  or 24V  solar panel (not included) (Fig. C2).
- Open the USB port cover, then connect the USB-C input/output port (5/9/12/20V, up to 100 W), the left USB-C port under USB port cover, to a power source (220V-240V ~ 50/60Hz) using a USB-C charging cable (not included) and a USB charger (not included) (Fig. C3).

NOTICE: It is recommended to use a charger with a power output exceeding 45W.

NOTE: You cannot charge the battery pack(s) using more than one power source at the same time, even if they are all connected to the power station. Power source utilization priority of the power station: AC input > solar input > USB-C input.

2. Install the battery(s) securely onto any battery bay of the power station.
3. The power station will start self-testing and all indicators on the LCD screen will display for a few seconds. Then the LCD screen will return to normal interface and only relevant indicators will be displayed.
4. The power station communicates with the battery pack and begins charging.
5. The charging input power indicator, average battery charge indicator, and corresponding battery icon(s) will display on the LCD screen (Fig. D).
6. When charging is completed, the average battery charge indicator will display 100%, and the power station will automatically turn off in 10 minutes. To use the power station, press and hold the power button to restart it.
7. If more than one battery pack is installed, the power station will charge the battery pack with the lowest charge first. When the charge levels of the installed battery packs reach the same level, the power station will start charging the battery packs simultaneously. All battery packs will be fully charged at the same time.

NOTE: To protect the battery packs, EGO battery packs are equipped with an advanced, self-maintenance function that will automatically perform a self-discharge operation after one month of storage. The battery packs will be in sleep mode and retain 30% of their charge. Nevertheless, it is recommended to charge the battery pack once a month to maintain emergency readiness.

POWERING THE AC/USB DEVICES VIA EGO BATTERY PACK(S)

1. Mount battery(s) securely onto any battery bay of the power station.
2. Open the USB port cover and/or AC port cover; connect the USB and/or AC devices to any ports on the power station (Fig. E).
3. Press and hold the power button until it lights up to turn on the power station.
4. If you connected a USB device in step 2, it will start charging now, as the USB ports are always active. For this reason, the USB icon on the LCD screen is always displayed after powering on the power station (Fig. F).

5. The LCD screen will display the device output power indicator, average battery charge indicator, and the corresponding battery icon(s) (Fig. F).
6. If you connected an AC device in step 2, **press the AC output control button to activate the two AC output ports.** The AC icon will display on the LCD screen (Fig. F).

BATTERY PACK CHARGING WITH DEVICE POWERING

The power station can charge the EGO battery pack(s) and power AC/USB device(s) at the same time.

NOTE: When charging and discharging simultaneously, the total input power consists of the charging input power (indicated as "INPUT" on the LCD screen) and the power input used to supply the device(s) (indicated as "OUTPUT" on the LCD screen). The charging input power may be higher or lower than the device output power.

1. Connecting the power station to the power supply, EGO battery pack(s) and AC/USB device(s) as described in the "**CHARGING EGO BATTERY PACKS**" and "**POWERING THE AC/USB DEVICES**" sections earlier in this manual.
2. The LCD screen will display the charging input power indicator, device output power indicator, average battery charge indicator, and the corresponding battery icon(s) (Fig. G).

LED WORK LIGHT (Fig. H)

The LED work light is located above the LCD screen. The work light provides extra illumination for increased visibility and can be adjusted to two brightness levels.

To turn on the work light, press the work light/Bluetooth button. The work light icon will display on the LCD screen (see Fig. B). Press the work light/Bluetooth button a second time and the work light will shine brighter.

To turn off the work light, press the work light/Bluetooth button a third time. The work light icon will disappear.

BLUETOOTH® WIRELESS TECHNOLOGY

Products with built-in Bluetooth® wireless technology can connect to mobile devices using EGO apps. Please visit www.egopowerplus.com.au for instructions and follow guidance in the EGO Connect app on how to connect and use the Bluetooth® function.

MAINTENANCE

⚠ WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ WARNING: To avoid serious personal injury, always turn the power station off and remove all battery packs from the product when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease, etc.

⚠ WARNING: Do not at any time allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic, which may result in serious personal injury.

⚠ WARNING: To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your machine, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.

TRANSPORTING AND STORING

⚠ CAUTION: Observe the lifting procedures during transportation.

- Disconnect all devices and remove battery packs before moving, transporting or storing the power station.
- Turn off the power station.
- Lift the power station by grasping the handles with both hands: one on each handle.
- Clean the power station thoroughly before storing it.
- Store the power station indoors, in a dry place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and deicing salts.

PROTECTING THE ENVIRONMENT



Do not dispose of electrical equipment, used battery and charger into household waste! Take this product to an authorized recycler and make it available for separate collection. Electric tools must be returned to an environmentally compatible recycling facility.

COIN BATTERY

- The product contains a coin battery, which is fully enclosed under the LCD screen.
- Unscrew the screws on the housing and remove the housing shell in order to remove the battery. Remove and immediately recycle or dispose of used batteries according to local regulations. Do not dispose of batteries in household trash or incinerate.
- Contact EGO customer service for the replacement of the battery if necessary.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The power station does not work.	■ Bad connection between the power station and the power source. ■ No battery pack attached. ■ No electrical contact between the power station and battery pack. ■ The power station is not turned on when powering the AC/USB devices via EGO battery pack(s).	■ Reconnect the power station to the power source. ■ Attach at least one battery pack to the power station. ■ Remove battery pack, check contacts and reattach the battery pack. If the problem persists after repeatedly attempting the methods described above, contact EGO customer service for help. ■ Press and hold the power button to turn on the power station.
Devices connected to the power station via the AC output ports are not being powered.	■ The AC output ports have not been activated.	■ Press the AC output control button to activate the AC output ports.
The LCD screen turns off and the machine stops automatically.	■ During charging, the system will automatically shut down 10 minutes after the battery pack(s) is fully charged. ■ The system will automatically shut down after 2 hours if the USB output is less than 2W and the AC output is less than 5W. ■ The system will automatically shut down in 1 minute if the power station is too hot. ■ During discharging, the system will automatically shut down in 1 minute if all the battery pack(s) installed are depleted. ■ During discharging, the system will automatically shut down in 1 minute if all the battery pack(s) installed are too hot.	■ No action is needed. ■ Restart the power station by pressing and holding the power button. ■ Turn off and cool the power station thoroughly until the power station can work. ■ Charge the battery pack(s). ■ Cool the battery pack(s) until their temperature drops below 67 °C.
The high-temperature indicator displays on the LCD screen.	■ The power station is too hot. ■ All the battery pack(s) installed are too hot.	■ Turn off and cool the power station thoroughly until the power station can work. ■ Cool the battery pack(s) until their temperature drops below 67 °C.
The overload indicator displays on the LCD screen and the AC icon disappears. The power station stops working.	■ The AC port(s) is overloaded. The actual output power is greater than the rated power shown on the LCD screen.	■ Reduce the number of devices connected, or use low-load devices. Make sure the device output power is less than the rated power. Reactivate the AC ports.

The overload indicator displays on the LCD screen, and the USB icon flashes. After 10 seconds, the overload indicator disappears, and the USB icon stops flashing.	■ The USB port(s) is overloaded.	■ Reduce the number of devices connected, or use low-load devices.
The fault indicator displays on the LCD screen. The power station stops working.	■ One or more faults other than the ones listed above have occurred.	■ Turn off and then restart the power station. If the fault indicator still displays, contact EGO customer service for help.
The corresponding battery icon(s) flashes on the LCD screen.	■ The battery pack(s) is not fully inserted. ■ The battery pack charge is depleted. ■ The battery pack(s) is too hot. ■ Communication failure.	■ Remove the battery pack, then reinstall it. Ensure that the battery pack snaps into position. ■ Charge the battery pack. ■ Cool the battery pack(s) until its temperature drops below 67 °C. ■ Contact EGO customer service for help.

WARRANTY

EGO WARRANTY POLICY

For full warranty terms and conditions, warranty service or to make a claim, please visit our website egopowerplus.com.au/warranty-policy.

Also see full warranty details & warranty table on the 'NEED HELP?' flyer contained within this product.

Alternatively you can contact EGO customer service via the following:

Australia

Address: Chervon Australia Pty Ltd, Unit 14, 5 Kelletts Rd, Rowville, VIC, 3178.

Phone: 1300 000 346

Email: support@egopowerplus.com.au

New Zealand

Address: Chervon New Zealand Subsidiary Ltd, 4th Floor, Smith & Caughey Building, 253 Queen St, Auckland, 1141.

Phone: 0508 000 346

Email: support@egopowerplus.co.nz