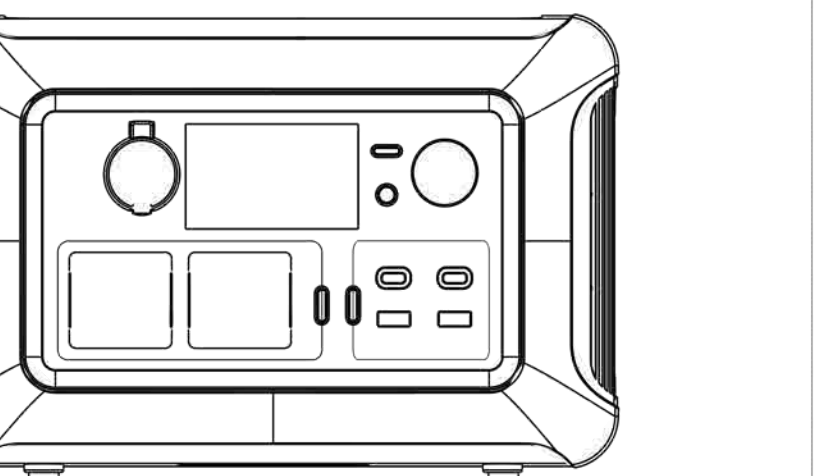


AP® ALLPOWERS®

Portable Power Station

Model:R600



The products and materials described in this manual will be changed at any time due to technical upgrades.
The company reserves the final right to change and explain the contents of the manual.

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1.Safety Instructions

- This product is an power station battery, please make sure to take basic precautions, be sure to take basic precautions including:
1. Be sure to operate the product in a dry and well ventilated place, and if it gets wet, dry it thoroughly before use.
 2. To reduce the risk of injury, close monitoring is required when using this product near children.
 3. Do not stick your fingers into the product, otherwise it may cause electric shock or other dangers.
 4. Do not touch the AC interface with metal, otherwise it may cause electric shock, fire and other dangers.
 5. During charging or using the product, do not block the product vents, otherwise it may cause permanent damage to the product.
 6. Please do not expose the product to rain and snow.
 7. It is forbidden to use this product in the environment of strong static electricity or strong magnetic field.
 8. Please use the cable specially designed for the product, the company does not assume any responsibility for the damage caused by the third party equipment.
 9. Do not disassemble the product at will. If this product needs service or maintenance, please find a qualified repairer.
 10. Improper use, falling or excessive force may cause damage to the product.
 11. When disposing of used batteries, please separate batteries of different electrochemical systems.
 12. In case of fire, dry powder fire extinguisher can be used or immersed in water.
 13. Be sure to keep the product away from fire and heat sources.

2.Specifications

General Information

Net weight: Approximately 5.6KG (12.34lbs)
Size: 285X195X190mm(11.2x7.6x7.5inch)
Battery capacity: 299Wh(25.6V=11.68Ah)
Bluetooth: Support
UPS (uninterruptible power supply): Support

Input Ports

AC Input: (100~120)V~4A Max (220~240)V~2A Max
Solar Input: (12~60)V=8.8A, 220W Max
Car Charger Input: 12V/24V DC

Output Ports

AC Output *2: 100-120V/220-240V 600W Max (Surged 1200W)
US 110-120V=5 A; CN 220V=2.7 A; EU 230V=2.6 A; AU 240V=2.5 A (Max.)
USB-A Output *2: 5V=3A, 9V=2A, 12V=1.5A, 36W Max
USB-C Output *2: 5V/15V=3A, 20V=5A, 200W Max
Car port: 12V=10A, 120W Max
Wireless charger: 15W Max

Battery Info

Battery type: LFP Lithium Iron Phosphate
Protection type: High temperature protection, Low temperature protection, Over discharge protection, Over charge protection, Overload protection, Short circuit protection, Over current protection

Environmental Operating Temperature

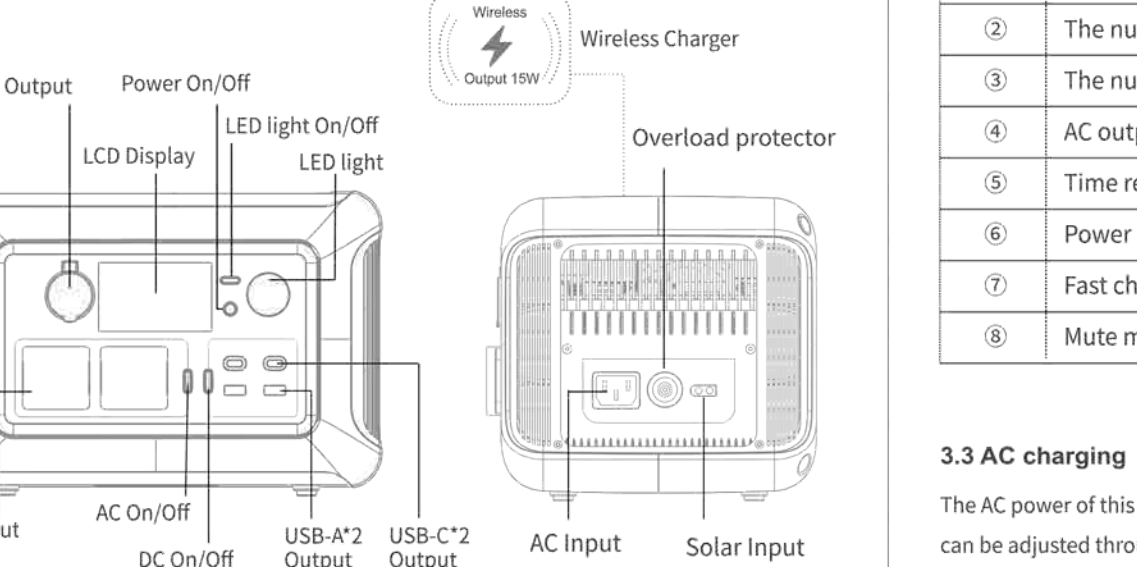
Charge Temperature: 0°C ~ 40°C (32°F ~ 104°F)
Discharge Temperature: -10°C~40°C(14°F~104°F)
Storage Temperature: -20°C~40°C(-4°F~104°F)(Recommended 20°C~30°C is best)
Operating humidity range: 10 - 90%

Certification

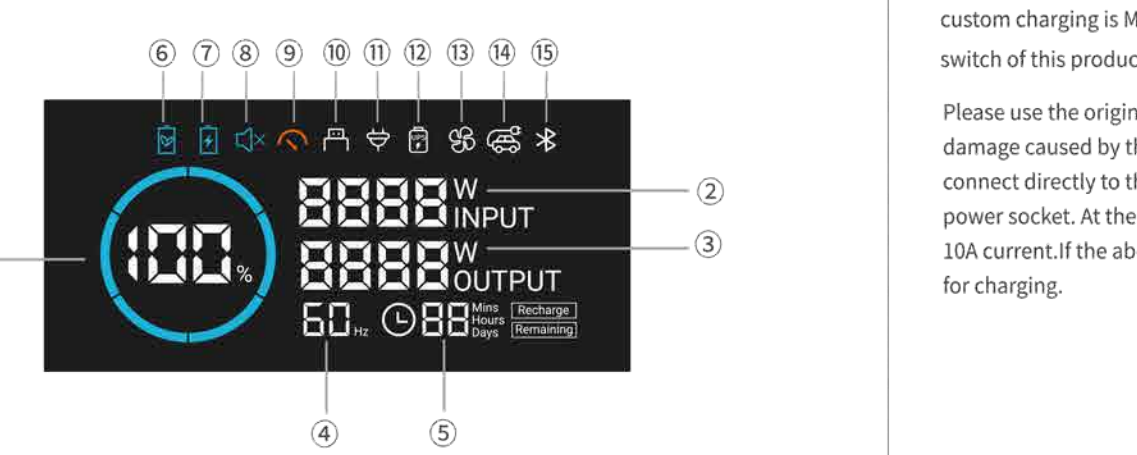


3.User guide

3.1 Product appearance introduction



3.2 Introduction of Display (Touch) Icons



3.3 AC charging

The AC power of this product adopts AP-POWER fast charging technology, and the charging power can be adjusted through the AC charging Fast Mode/Standard Mode/Mute Mode. The maximum input of Fast Mode can reach 400W ; the maximum input of charging in Standard Mode can reach 300W; Mute Mode 200W (self-adjusting technology) to achieve mute. The default input power of custom charging is Mute Mode, and the charging power is adjustment needs to be set in the mode switch of this product.

Please use the original standard AC charging cable of the product, ALLPOWERS will not bear any damage caused by the use of other unofficial charging cables bear any responsibility. Please connect directly to the wall power socket. It is not recommended to go through the extension power socket. At the same time, pay attention to whether the household line can last for 10A current.If the above conditions are not met, please switch to standard mode or mute mode for charging.

3.4 Solar charging

Users can charge the product by connecting solar panels in series as shown in the figure.

When charge power station by solar panel,please according to user manual.
Before connecting the solar panel,please confirm that the output voltage specification of the solar panel is within 12-60V, the maximum current is 12A, and the maximum charging power is within 300W.

3.5 UPS function (uninterruptible power supply)

This product supports UPS (Uninterruptible Power Supply) function. You connect the power grid and the AC input port of this product through the AC charging cable, and the electrical appliance can use the AC output port of this product to work (at this time, the AC power comes from the power grid, not the battery). When After the power grid is suddenly cut off, this product can automatically switch to the battery power supply mode of this product within 10ms. It is recommended to use only one device during use, and do not use multiple devices at the same time to avoid overload protection of this product. If the power station fails to operate normally or data is lost if the operation is not in accordance with the instructions, our company does not assume the corresponding responsibility.

Note: When connecting to the power grid, you need to turn on the AC output first, and make sure that the UPS function icon is lit before power off and enter the UPS switching function.

3.6 APP operation guide

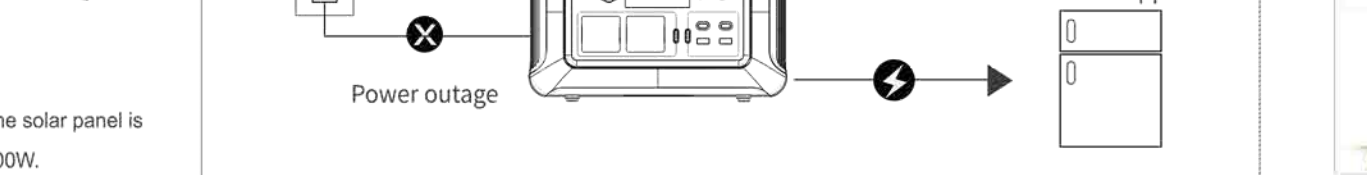
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IOS
Android

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3.6.3 Mobile APP Operation Instructions



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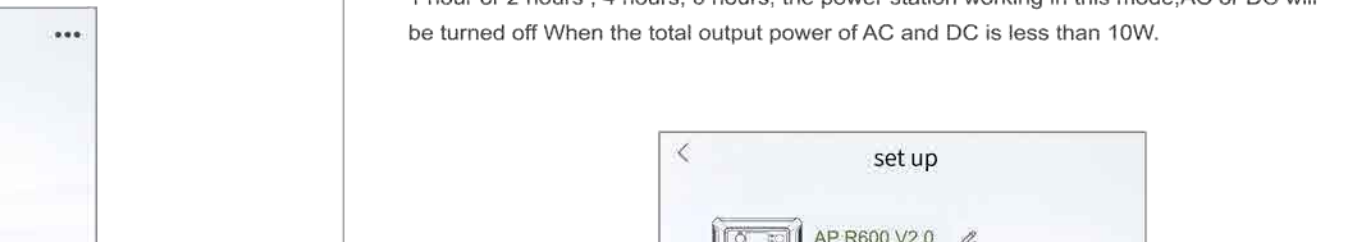
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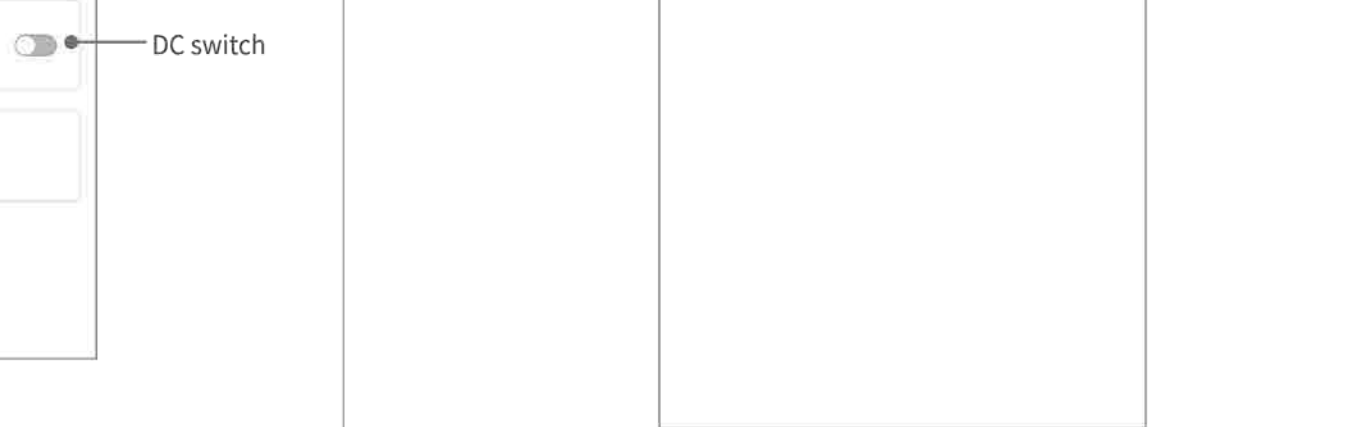
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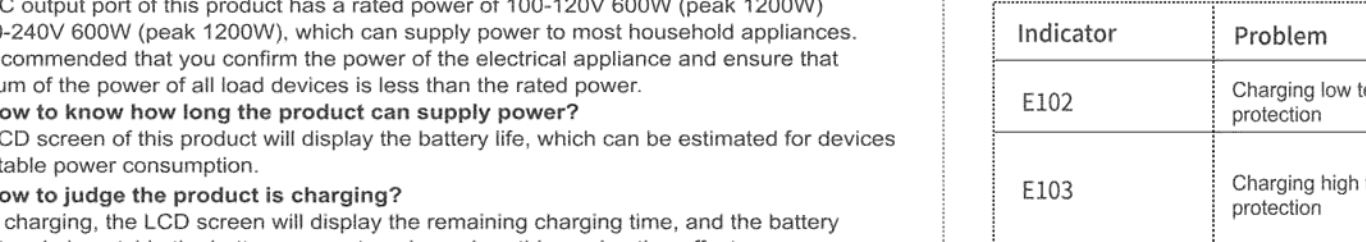
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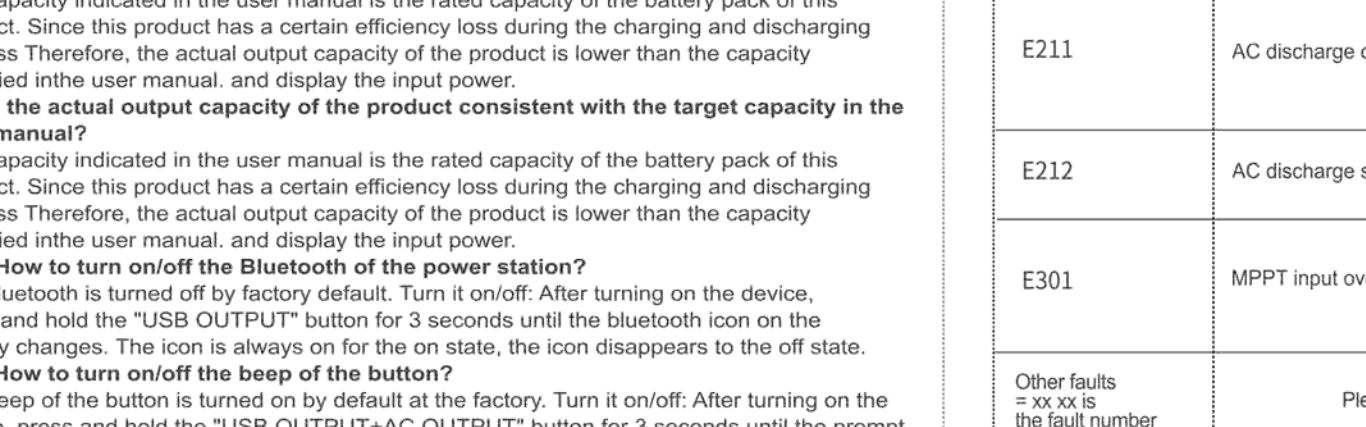
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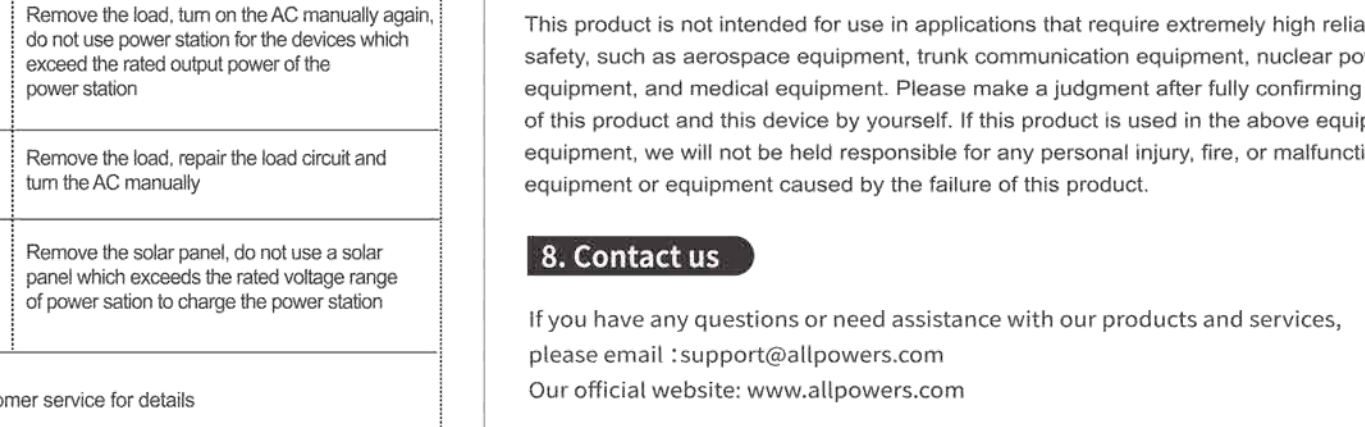
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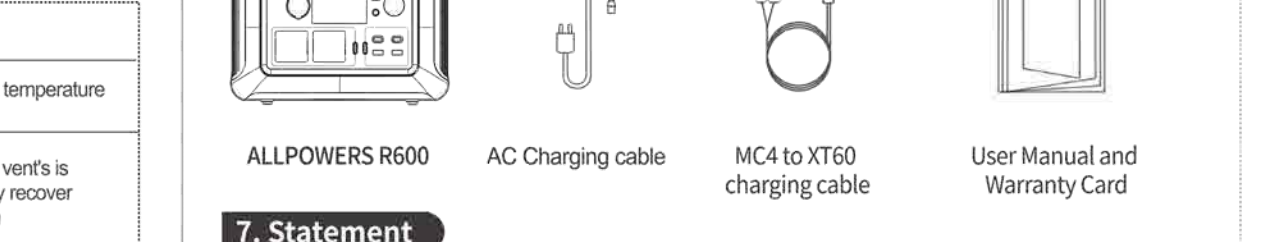
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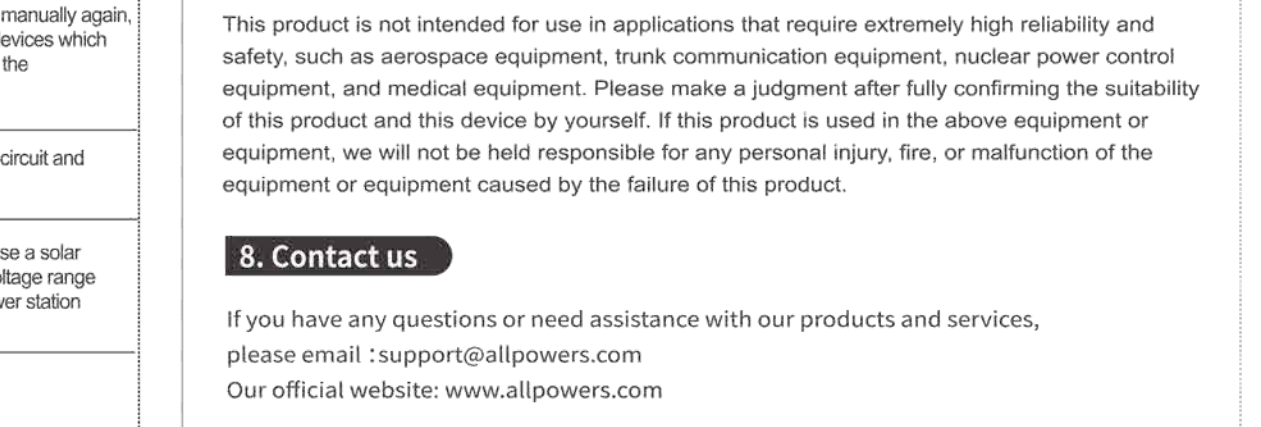
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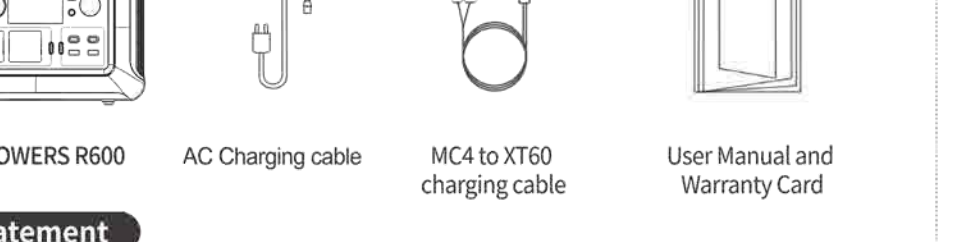
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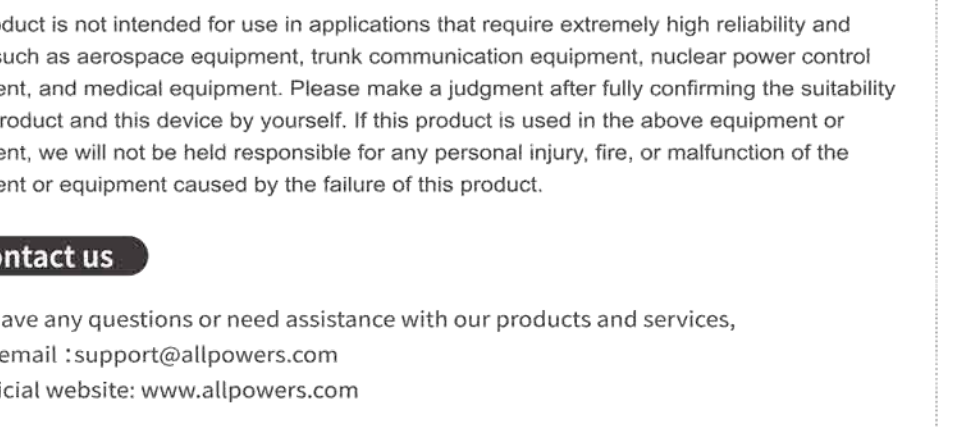
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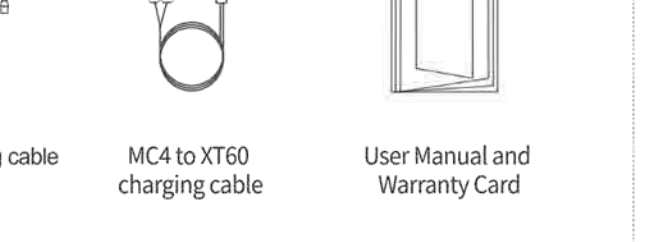
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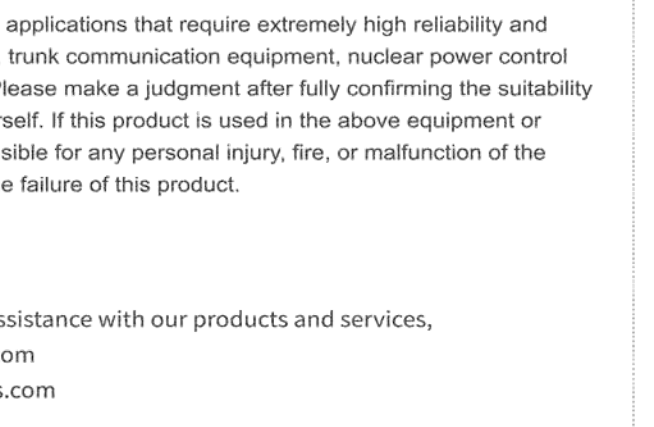
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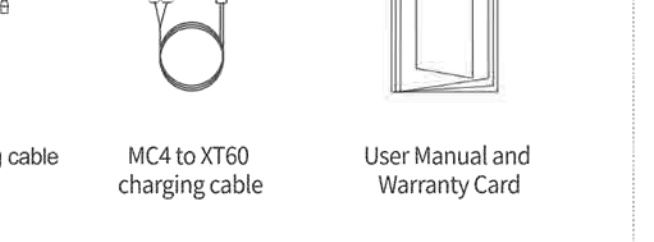
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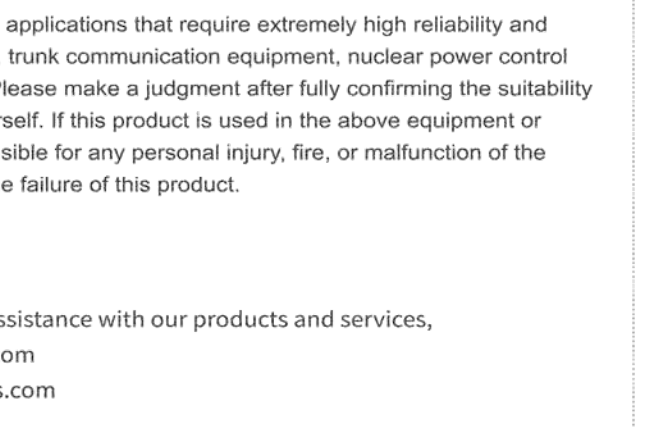
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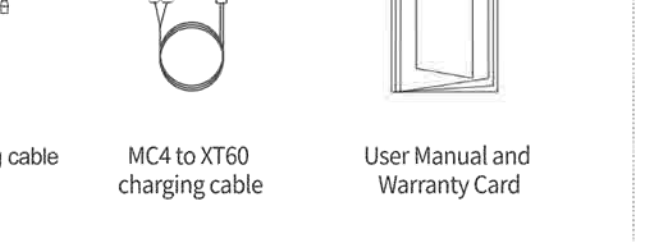
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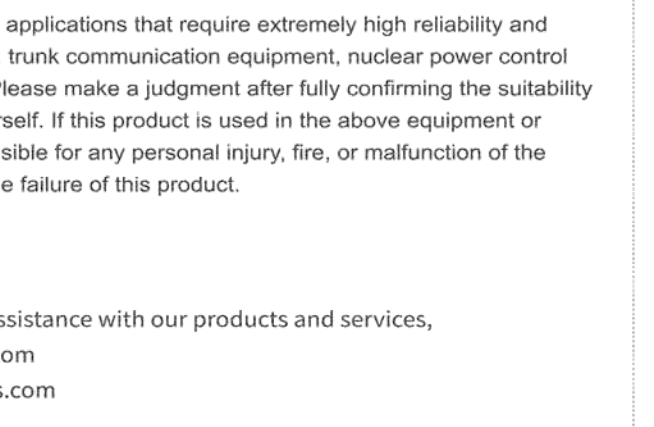
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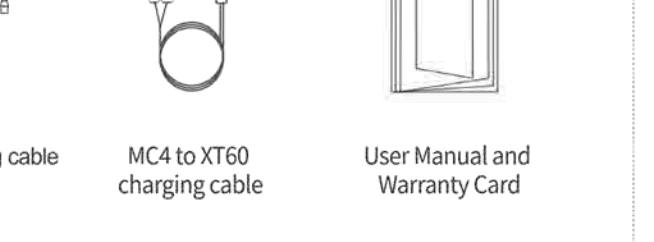
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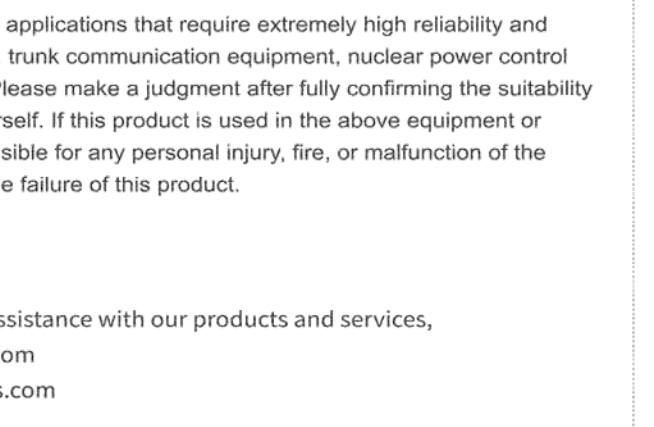
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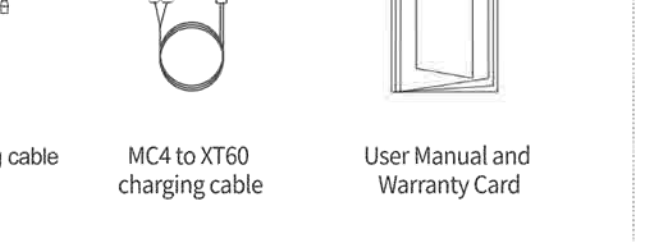
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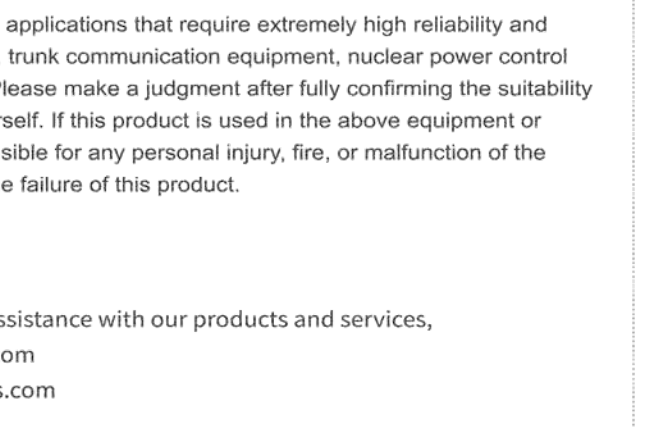
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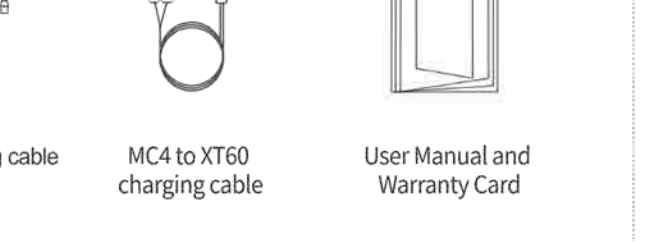
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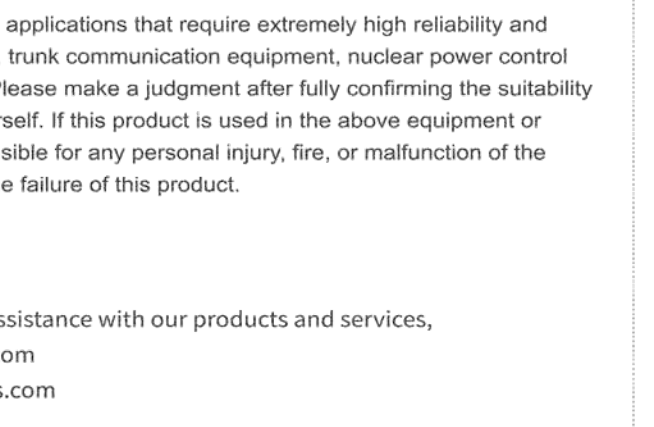
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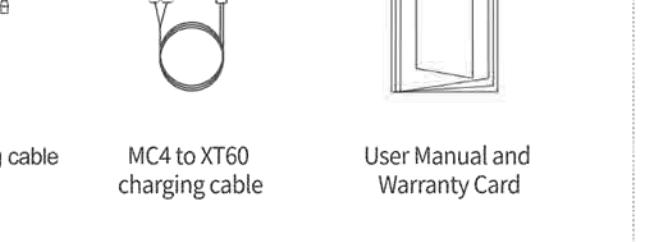
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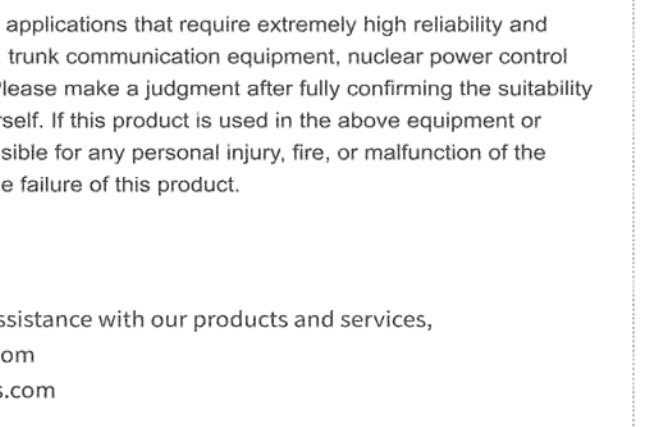
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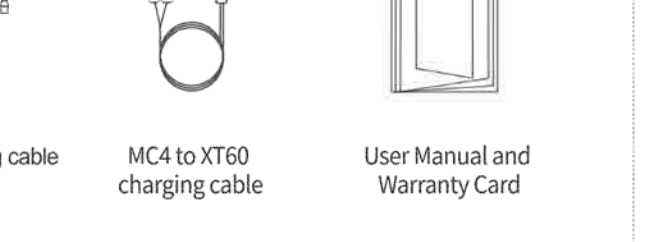
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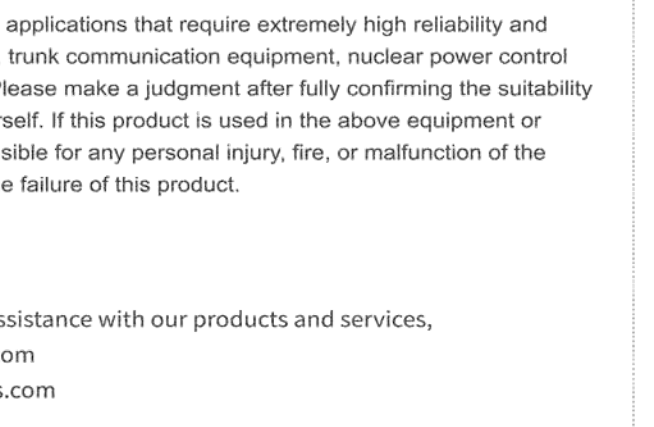
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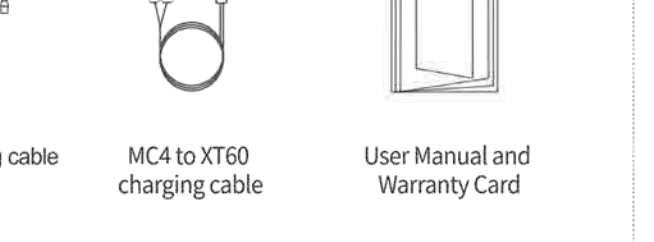
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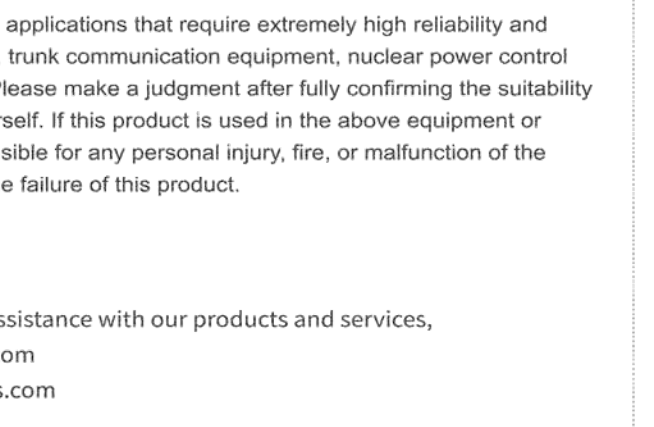
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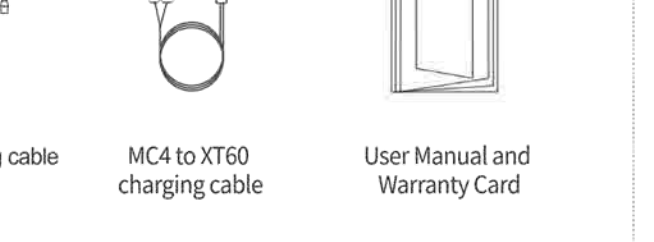
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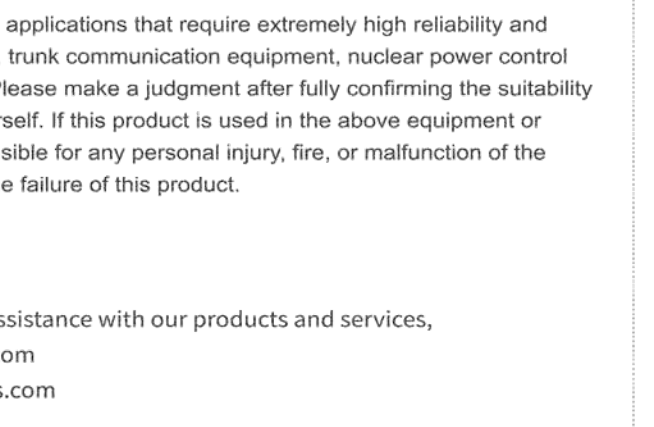
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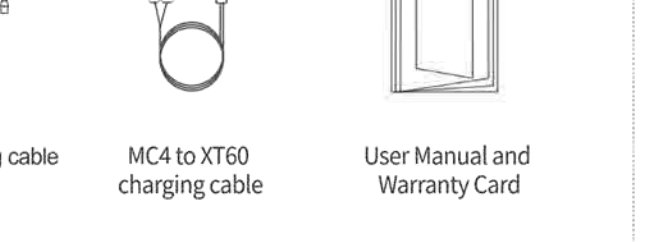
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