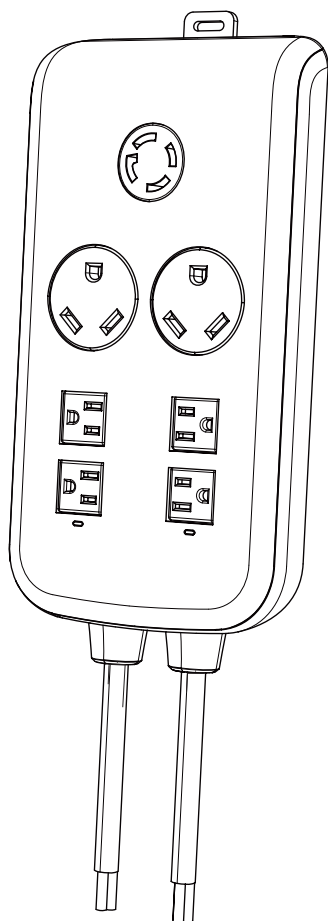


BLUETTI

P030A Split Phase Fusion Box PRO

Please read this manual before use and follow its guidance. Keep this manual for future reference.



User Manual

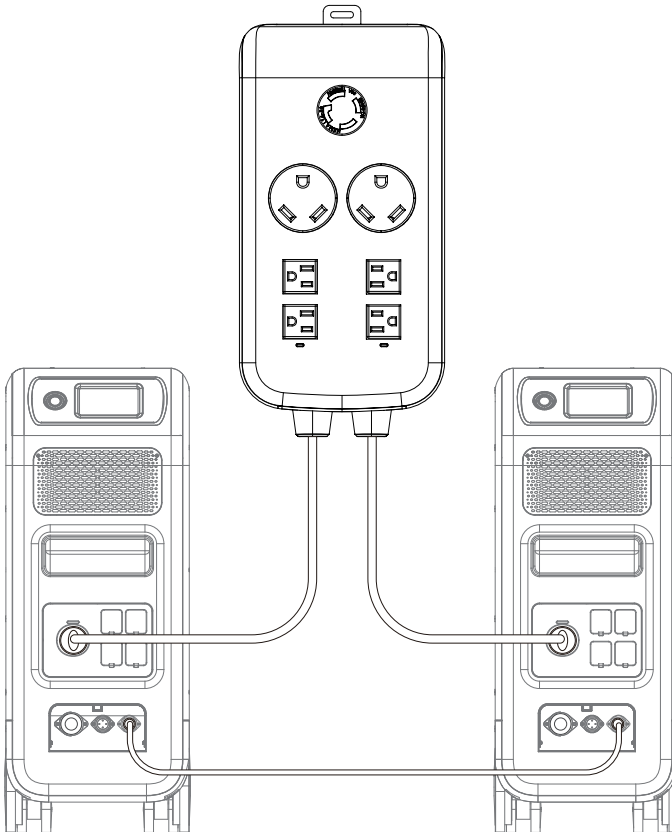
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Contents

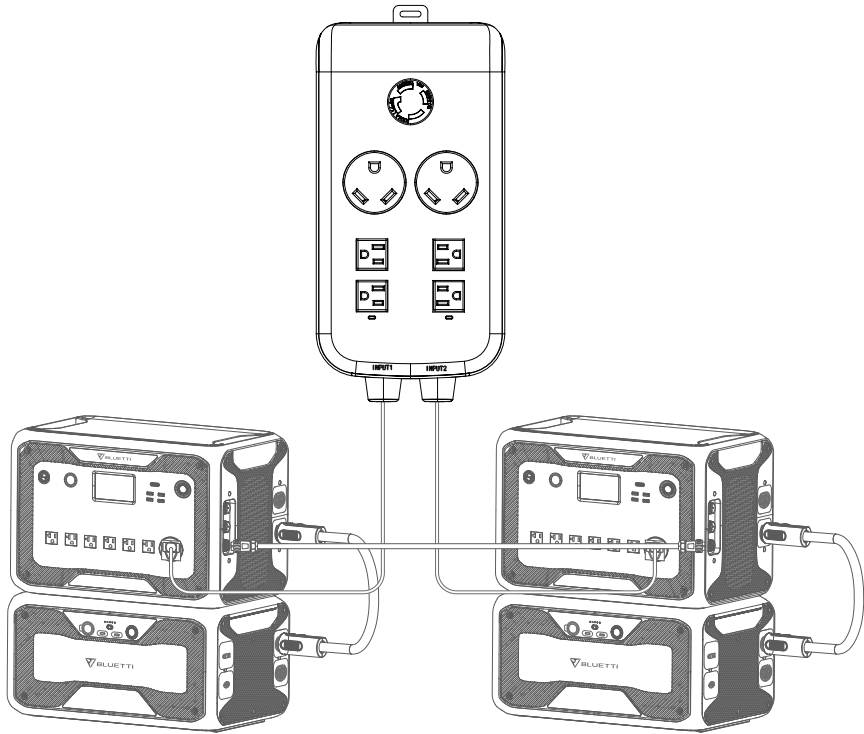
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BRIEF INTRODUCTION

Split Phase is used for connecting two EP500Pro or AC300+B300 (exclusive for the 100 -120V version) by bonding them effectively into one larger power system to double the output power, voltage, and capacity.



(EP500Pro Split Phase Power System)



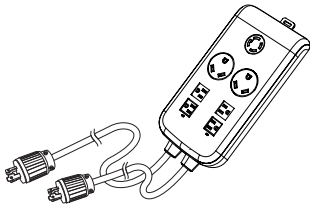
(AC300 + B300 *2 Split Phase System)

SAFETY INSTRUCTION

- P030A Split Phase Fusion Box Pro is only designed for AC300 and EP500Pro models(100-120V version), it is forbidden to connect P030A to any other power source such as wall outlet, power station, generator or grid.
- DO NOT place the P030A near heat sources. It is prohibited to place the P030A in an environment with flammable, explosive gas, or smoke.
- DO NOT attempt to replace any internal/exterior component of the equipment by anyone other than authorized personnel.

- DO NOT operate P030A in wet conditions. If the equipment becomes wet, please let the unit dry completely before using.
- Please ensure proper ventilation while in use, inadequate ventilation may cause permanent damage to P030A.
- Warning: DO NOT insert foreign objects into any ports of the P030A. P030A generates the same potentially lethal AC power as a household wall outlet. Please use it carefully and keep children away from it.
- In case of fire, only a dry powder fire extinguisher is suitable for the product.

IN THE BOX



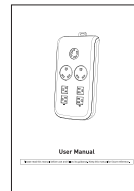
Split Phase Fusion Box Pro
x1 pcs



Communication Cable
x1 pcs

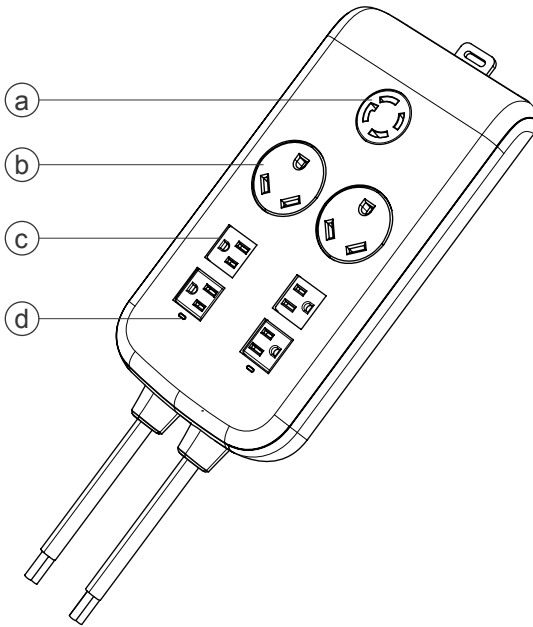


Certificate of QC Pass
x1 pcs



User Manual
x1 pcs

FEATURES OF P030A



a. NEMA L14-30: has an L-shaped neutral blade. available in ratings to 30A, allowing for 240V when supplied by split-phase power.

b. NEMA TT-30: connector which is the 120V/30 A recreational vehicle standard, also known as RV 30. The TT-30R receptacle is commonly available in nearly all RV parks in the United States and Canada.

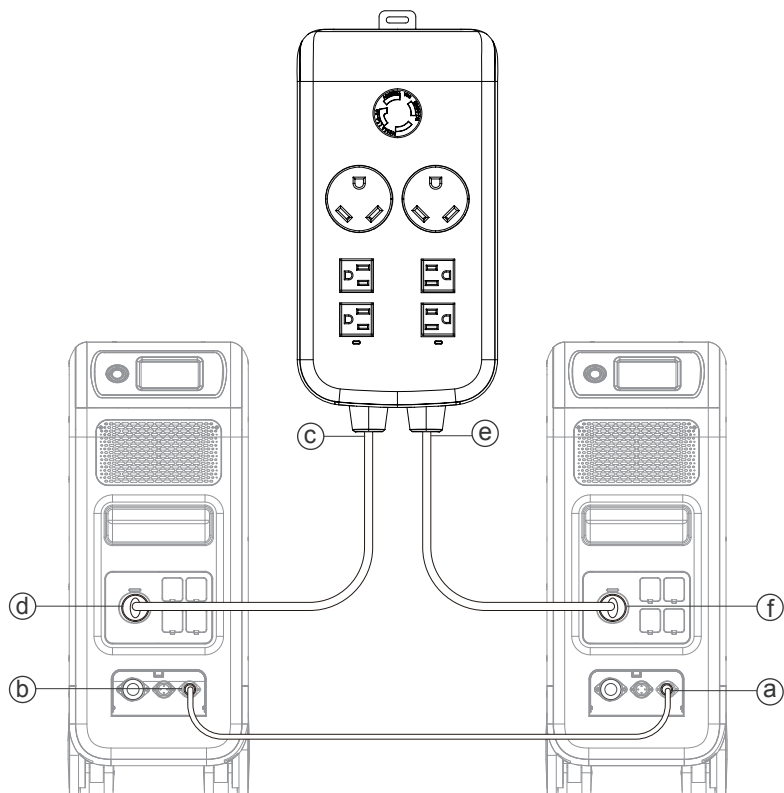
c. Standard AC receptacle: widely used in 100-120V areas, generates the almost same AC power as a household wall outlet.

d. When Split Phase System installation finished successfully, both of the two LED lights stay ALWAYS ON.

If the LED light is not active, please check the connection.

LET`S GET STARTED

CONNECTION 1 (Standard Mode)



Step1.

Connect two EP500Pro/AC300 with communication cables. (a-b)

Step2.

Plug the AC Input Cables into P030A from L14-30 receptacle of EP500Pro /AC300. (c-d, e-f)

Step3.

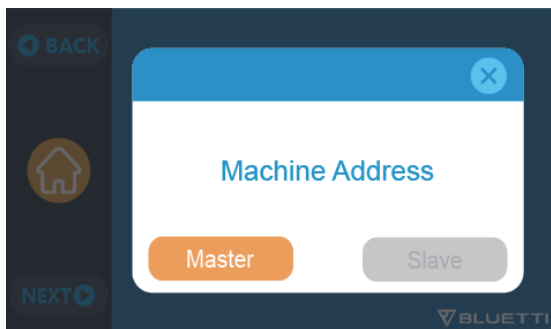
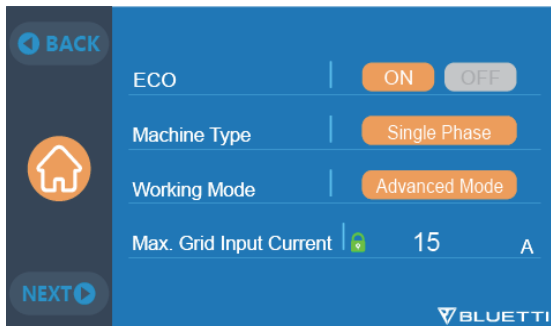
a."Single Phase": the default machine type as operating one single EP500Pro or AC300.

b.Select "Master" or "Slave" on touchscreen of the operating EP500Pro/AC300 (Tap Settings- Next - Machine Type).

c.Tap "Master" on touchscreen will set the operating EP500Pro/AC300 as the one to control both two EP500Pro/AC300.

d.Then select "Slave" on another unit to set the as the one controlled by another one EP500Pro/AC300(Master).

e.Tap clear the alarm history if the buzzer sounded.

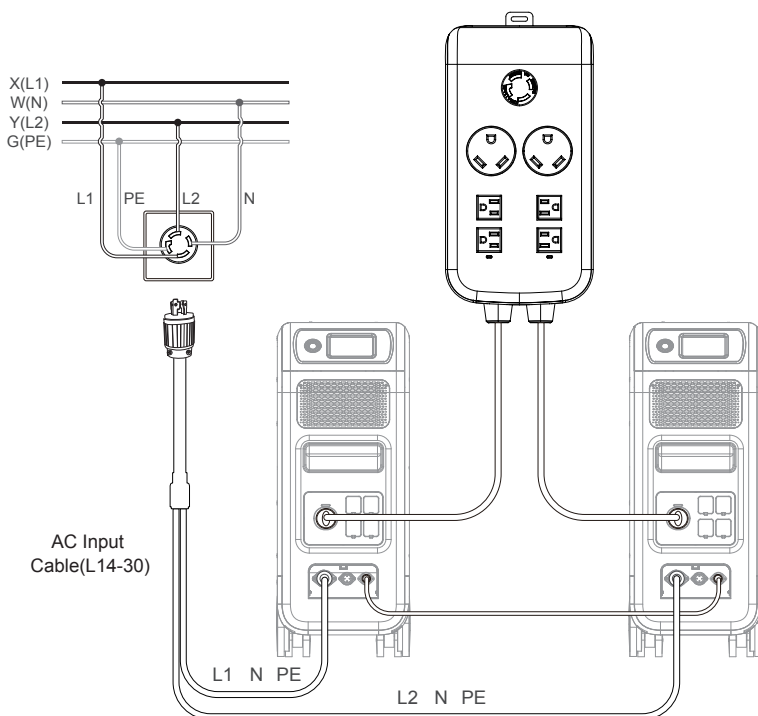


CONNECTION 2 (Power Mode)

In Split Phase Power System, it is recommended that you choose our matching AC input cable. The AC input ports of the two machines are connected to L1,N,PE and L2,N,PE. Make sure that the phase of the two machines is correct. This AC Input Cable(**Optional Purchase**) is designed to match Split Phase System.

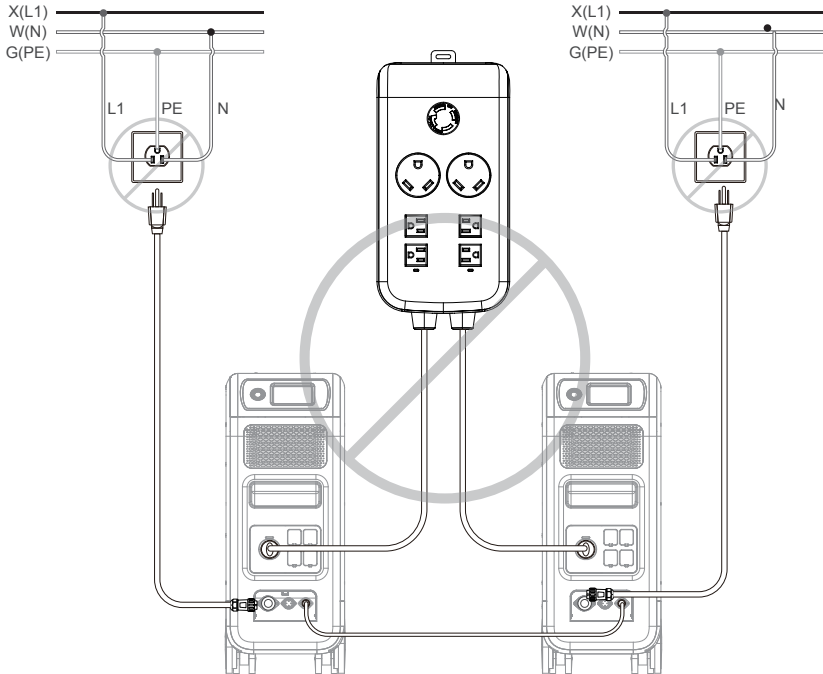
One end of the cable is connected to NEMA L14-30 socket, and the other end is connected to AC input interface of both two units through aviation plug. It must be ensured that the phase of the two machines is correct.

The current capacity of AC input plug shall be $\geq 30A$.



WRONG CONNECTION

It's forbidden to connect EP500 series into Split Phase System when AC Charging is ON, please use AC Input Cable(Optional Purchase) to charge both of your power stations in Split Phase System.



Wrong Connection will damage the battery inside the power station and your warranty will be invalid.

DECLARATION

- Some changes may occur without notice such as external appearance or specifications due to availability of material supplies or hardware improvements of the product over time.
- Our company shall not be liable for any damage caused by force majeure such as fires, typhoons, floods, earthquakes or the user's intentional negligence, misuse or other abnormal conditions.
- No compensation for damages shall be made for utilizing non-standard adapters and accessories.
- Our company is not liable for any damages caused by any operations of the product outside of the usage methods detailed in this manual.
- This unit is not suitable for use on the relevant equipment or machines involving: Personal safety, such as atomic energy devices, aerospace devices, emergency medical devices, etc., or any equipment or machines that require extremely highly reliable power sources. We are not responsible for accidents, fires, wrongful or negligent actions caused by such equipment or machines which result in damage.