

PulseQ NEMA Splitter



User Manual

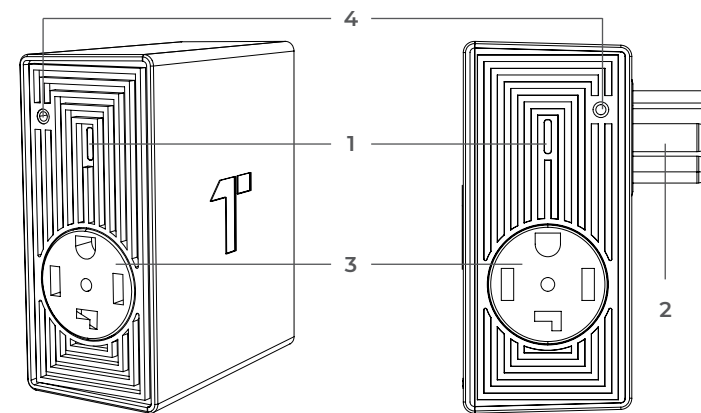
Safety Is Always the First Priority!

- For your safety, the safety of others, and to avoid any damage to property or the product, carefully READ and make sure you FULLY UNDERSTAND all the safety instructions and messages on this manual before operating.
- ONLY use the product within the specified operating parameters.
- Do not plug the product into a outlet that is damaged, loose or worn, or into an outlet the plug is not designed for.
- DO NOT use the product if it shows any signs of damage or if the product fails to operate.
- The PulseQ NEMA Splitter is not user-serviceable. DO NOT disassemble it.
- ONLY connect the PulseQ NEMA Splitter to a properly rated, protected, and correctly sized power circuit that has been installed according to the local safety code standards.
- The PulseQ NEMA Splitter is intended for indoor use and must be protected from moisture, water and foreign objects.

Section 1 What's in the Box?

- PulseQ NEMA Splitter *1
- Mounting Bracket *1
- M4×8mm Screws *2
- M5×40mm Expansion Bolt *3
- User Manual *1
- Quality Certificate *1

Section 2 Product Overview



1. LED Indicators

Indicator Status	What It Means
Solid Green	Providing Power
OFF	No Power
Flashing Red (every 2 seconds)	Overcurrent
Solid Red	Overtemperature
Rapidly Flashing Red (per second)	Overcurrent & Overtemperature

2. NEMA 14-30 / NEMA 14-50 Plug

PulseQ NEMA Splitter_30A_US



NEMA 14-30P

PulseQ NEMA Splitter_50A_US



NEMA 14-50P

3. Primary / Secondary Socket

For connecting EV chargers or electrical appliances like clothes dryers.

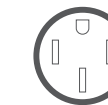
Note: The device connected to the Primary Socket will always take priority over the device connected to the Secondary Socket.

PulseQ NEMA Splitter_30A_US



NEMA 14-30R

PulseQ NEMA Splitter_50A_US



NEMA 14-50R

4. Screw Holes

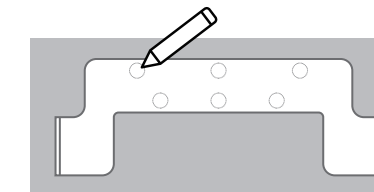
Section 3 Installation

Note:

1. Ensure that you selected the right model based on your wall socket.
2. Before mounting the PulseQ NEMA Splitter, ensure that you have turned off the circuit breaker to your 240V outlet.

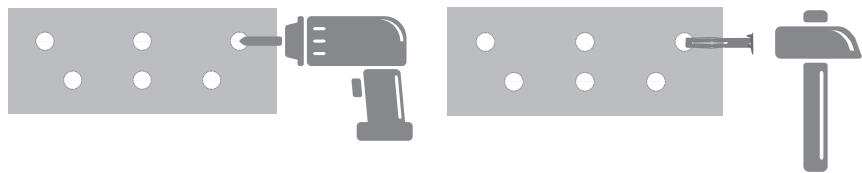
3.1 Install the Mounting Bracket

1. Position the mounting bracket, ensuring it is in alignment with the side mounting holes on the PulseQ NEMA Splitter and that the plug on the PulseQ NEMA Splitter reaches the wall outlet.
2. Mark the mounting holes on the wall.

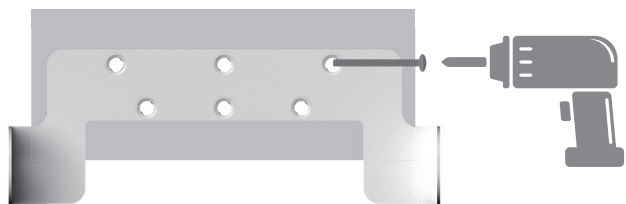


3. Use an M6~M10 drill bit to create mounting holes with a depth of at least 1.57" (40 mm).

4. Hammer the plastic expansion anchors into the holes.



5. Fix the bracket to the wall with the supplied expansion screws.

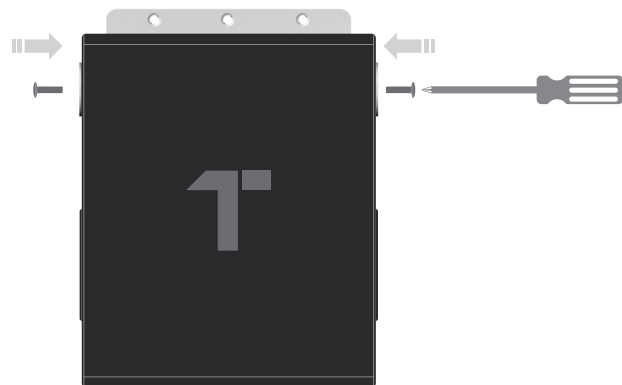


3.2 Attach the PulseQ NEMA Splitter to the Mounting Bracket

1. Plug the PulseQ NEMA Splitter into the wall outlet.



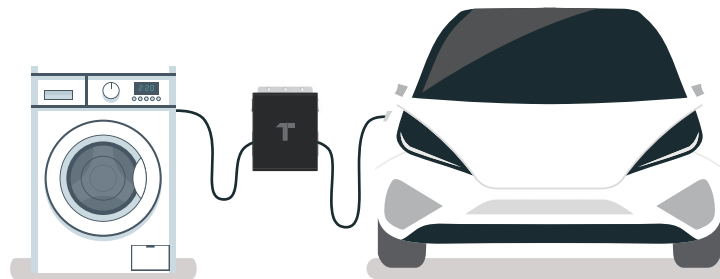
2. Tighten the two side screws to secure the PulseQ NEMA Splitter to the mounting bracket.



3.3 Plug in Your Primary and Secondary Devices

1. Plug your priority appliance or EV charger into the Primary Socket (left side) of the PulseQ NEMA Splitter.

2. Plug your EV charger into the Secondary Socket (right side) of the PulseQ NEMA Splitter.



3.4 Turn on the circuit breaker to the outlet.

Section 4 Specifications

Technical Specifications

Model	PulseQ NEMA Splitter_30A_US
Plug/Outlet Type	NEMA 14-30
Input/Output (Total)	220~240V Max. 30A 50/60Hz
Output (Primary/Secondary)	220~240V Max. 24A
Protection	Overcurrent Protection, Overtemperature Protection

Model PulseQ NEMA Splitter_50A_US

Plug/Outlet Type NEMA 14-50

Input/Output (Total) 220~240V Max. 50A 50/60Hz

Output (Primary/Secondary) 220~240V Max. 40A

Protection Overcurrent Protection, Overtemperature Protection

Ambient Conditions

Storage Temperature -40 ~ +80°C (-40 ~ 176°F)

Operating Temperature -30 ~ +50°C (-22 ~ 122°F)

Relative Humidity 5~95%, no water droplet condensation

Altitude ≤ 2000m

Mounting Option Wall-Mounting, for indoor use

Section 5 Warranty

TOPDON Two-Year Limited Warranty

TOPDON warrants to its original purchaser that the company's products will be free from defects in material and workmanship for 24 months from the date of purchase (Warranty Period).

For the defects reported during the Warranty Period, TOPDON will either repair or replace the defective part or product according to its technical support analysis and confirmation.

TOPDON shall not be liable for any incidental or consequential damages arising from the device's use, misuse, or mounting.

If there is any conflict between the TOPDON warranty policy and local laws, the local laws shall prevail.

This limited warranty is void under the following conditions:

- Misused, disassembled, altered or repaired by unauthorized stores or technicians.
- Careless handling and/or improper operation.

Notice: All information in this manual is based on the latest information available at the time of publication and no warranty can be made for its accuracy or completeness. TOPDON reserves the right to make changes at any time without notice.

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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