

TOPDON®



# PulseQ NEMA Splitter

Power Distribution  
Made Easy





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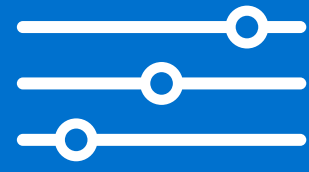


## PulseQ NEMA Splitter

Introducing the PulseQ NEMA Splitter series, the ultimate solution for efficient power distribution in the complex electrical scenarios of the US market. Designed with advanced features and a user-friendly design, it caters to electric vehicle owners, everyday households, and automotive repair shops. Experience seamless power distribution and enjoy peace of mind with the PulseQ NEMA Splitter series. With a choice of 30A and 50A versions available, it's the perfect solution to meet various charging needs.



Brief



# Specs

*Specs*

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## Electrical 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

**Available Mounting Option:**

Wall-Mounting, for indoor use



Brief

## Power Up Multiple Devices Simultaneously

Connect and power up multiple devices at once with the PulseQ NEMA Splitter.

From washers and dryers to air conditioners and EV chargers, effortlessly charge and manage all your devices without worrying about power shortages.

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Brief

## Smart Power Sharing

Power is distributed, with a left-side priority.

When the total output exceeds 30A (50A), it's a left-to-right charge – your top device is always prioritized.

Below 30A (50A), both outlets power together, juicing up your devices at once.

And with handy smart indicators, you can monitor your charging status in real time.

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Brief

## Safety Comes First

Your safety is our priority.

The PulseQ NEMA Splitter is equipped with overload protection, short circuit protection, and overheating protection, ensuring the safety of both your devices and your home.

Rest easy knowing that your devices are protected from potential damage caused by overcurrent or overheating.

FCC and ETL certifications further guarantee safety and compliance.

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## Built to Last

We prioritize quality and durability.

The PulseQ NEMA Splitter is built with high-quality materials and undergoes rigorous testing to ensure reliability and longevity.

It will deliver excellent charges for years to come.

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Brief

## Small Yet Mighty

Designed with efficiency in mind, the PulseQ NEMA Splitter is compact and easy to use in any location, so you'll always have a convenient power solution.

Specs

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Comp Chart

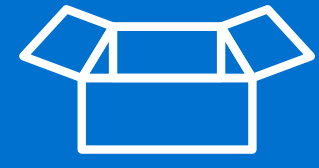
FAQ



Portable



Brief



# What's In The Box

Specs

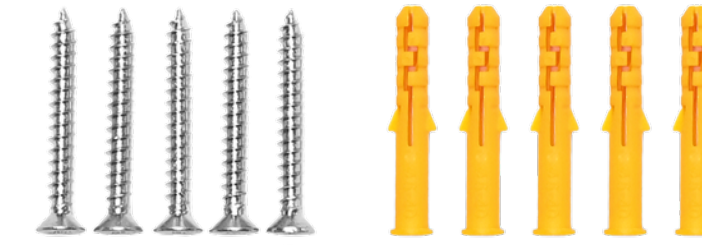
PulseQ NEMA Splitter



Mounting Bracket & M4×8mm Screws



M5×40mm Expansion Bolt



Features

## What's In The Box

User Manual





Quality Certificate



Comp Chart

FAQs



<div style="text-align: center;">MODEL</div> <hr style="border: 0; border-top: 1px solid black; margin-top: 10px;"/> <div style="text-align: center;">SPECIFICATIONS</div>	<div style="text-align: center;">PulseQ NEMA Splitter <b>30A_US</b></div> <div style="text-align: center;"></div>	<div style="text-align: center;">PulseQ NEMA Splitter <b>50A_US</b></div> <div style="text-align: center;"></div>
Plug Type:	NEMA 14-30	NEMA 14-50
Rated Output Voltage	240V	240V
Maximum Output Current	Max. 30A	Max. 50A
Output Current Distribution	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>Left Side (Primary)</span> <span>Right Side (Secondary)</span> <span>Max.24A</span> </div>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>Left Side (Primary)</span> <span>Right Side (Secondary)</span> <span>Max.40A</span> </div>
Dimensions (excluding plugs)	137x165x75 mm/ 5.39 x 6.50 x 2.95 inches	137x165x75 mm/ 5.39 x 6.50 x 2.95 inches
Weight	1kg/2.2 lbs.	1kg/2.2 lbs.
Operating Temperature Range	-30°C to 50°C / -22°F to 122°F	-30°C to 50°C / -22°F to 122°F
Storage Temperature Range	-40°C to 80°C / -40°F to 176°F	-40°C to 80°C / -40°F to 176°F
Working Conditions	Meant For Indoor Use	Meant For Indoor Use
Work Humidity	5-95% non-condensing	5-95% non-condensing
Operating Altitude	≤2000m/6562ft	≤2000m/6562ft
Warranty	2 Yrs.	2 Yrs.
Certification	FCC, ETL	FCC, ETL



Brief



# FAQs

Specs

## Question

How to select the right product model based on specifications?

## Answer

Features

Choosing the right product model depends on the specifications of the user's household electrical plug.

What's In  
The Box



: PulseQ NEMA Splitter\_30A\_US

Comp Chart



: PulseQ NEMA Splitter\_50A\_US

FAQs



Brief



# FAQs

Specs

## Question

What is the maximum output current?

## Answer

Features

The two models correspond to different output current thresholds:

- PulseQ NEMA Splitter\_30A\_US: Maximum output current 30A;
  - PulseQ NEMA Splitter\_50A\_US: Maximum output current 50A
- 

What's In  
The Box

## Question

Is the maximum output current single side or total output?

## Answer

Comp Chart

The maximum output current is the total output current (added on both sides), and the maximum output current on one side is less than the total output maximum current:

- PulseQ NEMA Splitter\_30A\_US: The maximum output current of one side is 24A;
- PulseQ NEMA Splitter\_50A\_US: single-side maximum output current 40A

FAQs



Brief



## FAQs

Specs

### Question

How does the current distribute when the left and right ends use power at the same time?

### Answer

Remember the priority output is on the left side, and the Splitter will automatically adjust the output current on the right side according to the current value;

**A.** When the total current does not exceed the maximum threshold, both sides supply power at the same time;

**B.** When the total current does not exceed the maximum threshold, the left side is powered first. After the left side is done, the right side is powered.

What's In  
The Box

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### Question

How to supply power when the current on the left does not exceed the threshold and the current on the right exceeds the threshold?

### Answer

The left side is always powered first. After the left side is done, the right side is not powered, and the status light on the right side is flashing red.

Comp Chart

FAQs



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# FAQs

Specs

## Question

How to supply power when the current on the left exceeds the threshold and the current on the right does not exceed the threshold?

## Answer

Features

The left side can supply power, and the status light on the left side is flashing red. After the left side is done, the right side starts to supply power.

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Comp Chart

**FAQs**





    @topdonofficial

+86-755-21612590 (Global HQ)  
+1-833-629-4832 (North America)  
+34 697 733 280 (Europe)

sales@topdon.com  
support@topdon.com

**CHINA  
TOPDON HQ**

topdon.com


Unit 2005 20/F, No. 3040 Xinghai Avenue,  
Qianhai Shimao Tower, Qianhai Shenzhen-Hong Kong  
Cooperation Zone, Shenzhen, PR, China 518000



**USA  
TOPDON**

topdon.us

400 Commons Way, Suite A  
Rockaway, NJ 07866



**EU  
TOPDON**

eu.topdon.com

Barcelona Spain

