



# AV600 2-port Passthrough Powerline Starter Kit

Extend Reliable Wired Connection to Every Room



TL-PA4020P KIT

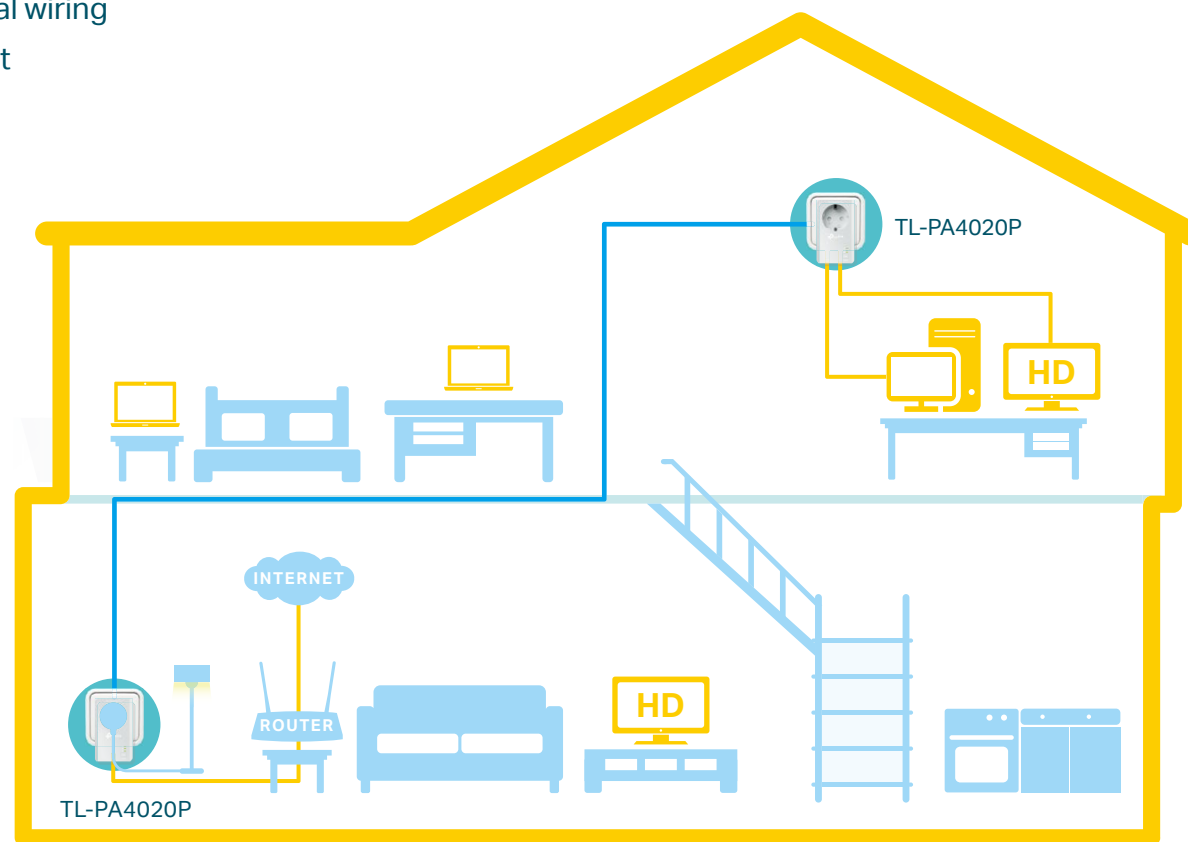


# Highlights

## Extend Internet to Every Room Using Existing Electrical Wiring

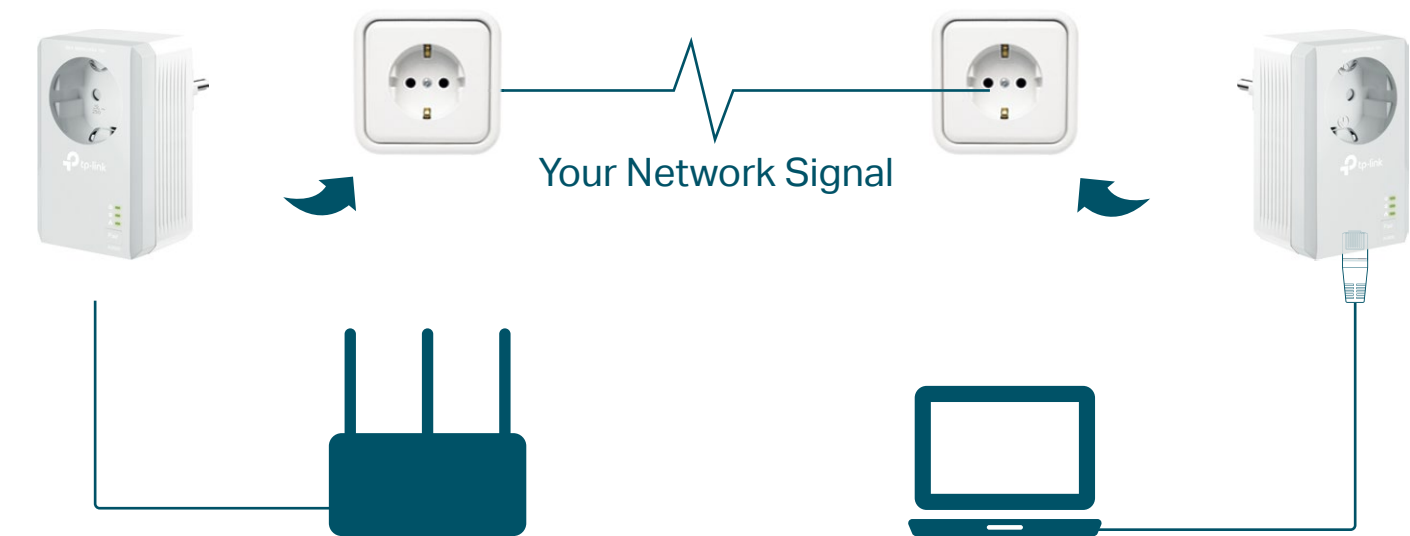
With advanced HomePlug AV600, the TL-PA4020P KIT transforms your home's existing electrical circuit into a high-speed network with no need for new wires or drilling and brings wired network to anywhere there is a power outlet.

— Electrical wiring  
— Ethernet



## Plug and play!

Powerline adapters and extenders must be deployed in a set of two or more, and be connected to the same electrical circuit.



# Highlights

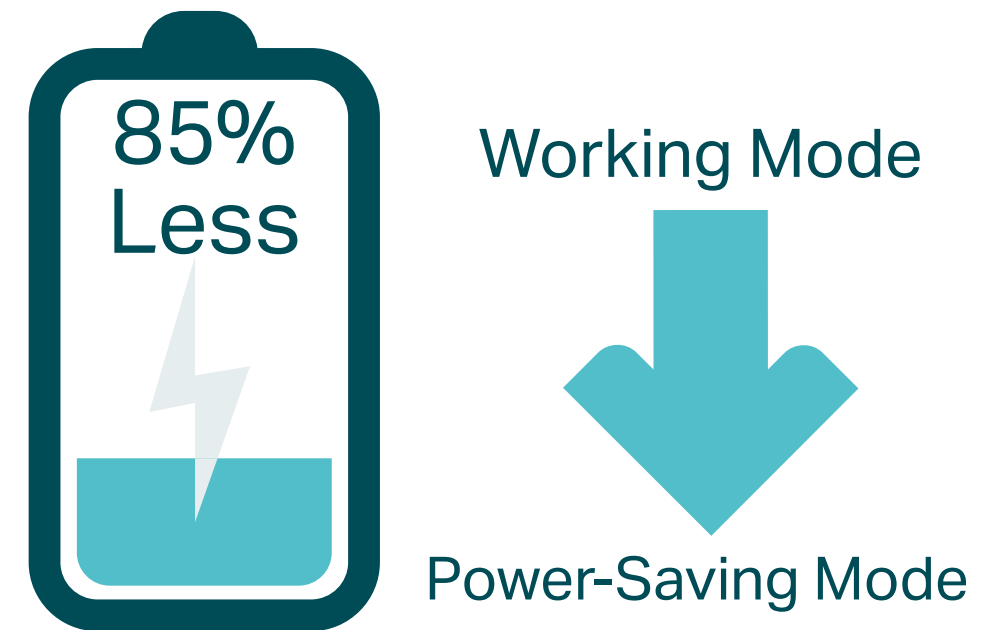
## HomePlug AV2 Standard Compliant<sup>‡</sup>

Provides users with stable, high-speed data transfer rates of up to 600 Mbps<sup>‡</sup> on a powerline length of up to 300 metres/1,000 feet<sup>‡</sup>.



## Power Saving<sup>§</sup>

Automatically switches to "Power-Saving" mode when not in use, reducing its energy consumption by up to 85%.



# Features



## Speed

- Ultra-fast Powerline Speed – HomePlug AV2 standard compliant, high-speed data transfer rate of up to 600Mbps, ideal for Ultra HD streaming and online gaming
- Multiple Ports – 4 Ethernet Ports allow your TVs, game consoles or PCs to connect to the internet at high speeds



## Ease of Use

- Plug and play – Plug and play, no configuration required
- No new wires – No new wires, use existing electrical wiring to expand your home network
- Keep your outlet – An integrated socket lets you power regular devices as normal, and a built-in noise filter prevents them from interrupting the powerline signal
- TP-Link tpPLC – Allows you to easily manage your network using the tpPLC Utility
- Compatibility – Works with all routers and HomePlug AV/AV2 powerline adapters/extenders†



## Range

- 300-meter Range – Up to 300 meters / 1000 feet range over the existing household power circuit



## Security

- Pair Button – 128-bit AES encryption easily at a push of the "Pair" button



## Reliability

- Mains Filter – Mains Filter inside the outlet reduces electrical noise interference and improves powerline communication performance



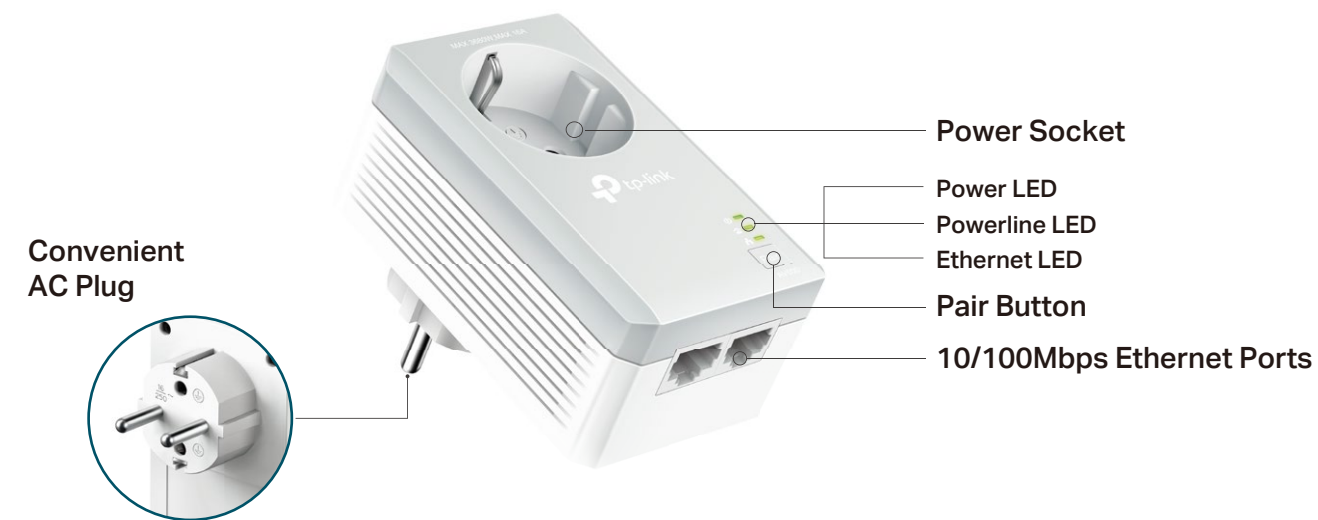
## Energy Saving

- Power Saving – Automatically switches to "Power-Saving" mode when not in use, reducing its energy consumption by up to 85%

# Specifications

## Hardware

- Plug Type: EU
- Standards and Protocols: HomePlug AV2, IEEE 1901, IEEE 802.3, IEEE 802.3u
- Power Consumption: Maximum: 3.43W  
Standby: 0.68W
- Range: 300 Meters/1000feet in house
- Interface: 2 x Ethernet Port, Power Socket
- Button: Pair Button
- LED Indicator: Power, Powerline, Ethernet
- Dimensions (W x D x H): 2.3 x 1.7 x 3.7 in (58 x 42 x 95 mm)



For more information, please visit

[https://www.tp-link.com/products/details/?model=TL-PA4020P+KIT\\_V4](https://www.tp-link.com/products/details/?model=TL-PA4020P+KIT_V4)

or scan the QR code left

Specifications are subject to change without notice. ©2021 TP-Link

<sup>†</sup>Compatible with all HomePlug AV and AV2 Standard Powerline adapters. This product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or are non-standard or outdated.

<sup>‡</sup>Maximum Powerline signal rates are the physical rates derived from HomeplugAV/AV2 specifications. Actual Powerline data throughput and Powerline range are not guaranteed and will vary as a result of network conditions and environmental factors, including electrical interference, volume of traffic and network overhead, AFCI circuit breaker, and whether Powerline is located on a separate circuit.

<sup>§</sup>Actual power saving data will vary in different network conditions and environments.

## Software

- Modulation Technology: OFDM (PLC)
- Encryption: Powerline Security: 128-bit AES

## Others

- Certification: CE, FCC, RoHS, WEEE, EAC
- Package Contents:  
AV600 Passthrough Powerline Adapter 2 x TL-PA4020P  
2 x Ethernet Cable  
Quick Installation Guide
- System Requirements:  
Windows 10/ 8.1/8/7/Vista/XP, Mac OS X, Linux
- System Requirements for tpPLC Utility:  
Windows XP/Vista/7/8/8.1/10 and Mac OS X (10.7 or later)
- Environment:  
Operating Temperature: 0°C~40°C (32°F ~104°F)  
Storage Temperature: -20°C~70°C (-40°F ~158°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing

[www.tp-link.com](http://www.tp-link.com)

TP-Link AV600 2-port Passthrough Powerline Starter Kit TL-PA4020P KIT