



# LiteWave PoE Switch | Datasheet

## LS106LP V2

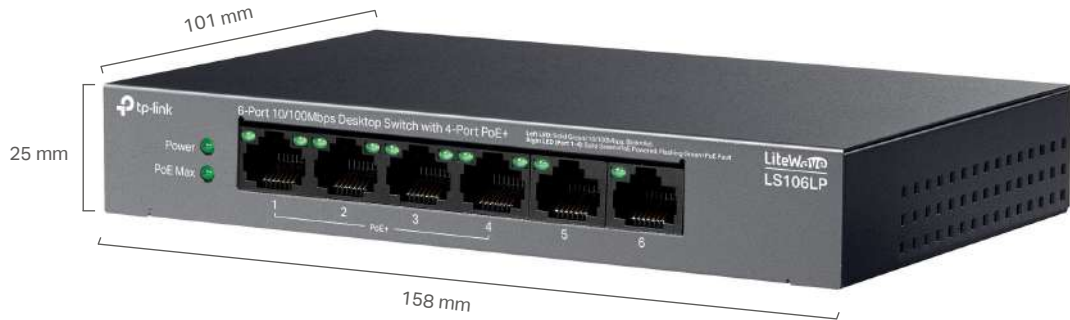
6-Port 10/100Mbps Desktop Switch with 4-Port PoE+



## Highlights

- 4× 10/100 Mbps PoE+ ports with up to 30 W PoE output per port\*
- 41 W total PoE budget\*
- Up to 250m data and power transmitting range under Extend Mode\*\*
- Automatically reboots your dropped or unresponsive PoE-powered devices.
- Simply plug and play for instant connectivity with no configuration required.
- Fanless design reduces power consumption and ensures silent operation, ideal for noise-sensitive homes or businesses.
- Desktop / Wall-mounting

# Product Pictures



4× 10/100 Mbps RJ45 ports with PoE+  
2× 10/100 Mbps RJ45 ports



Button for Extend Mode  
Button for PoE Auto Recovery

# Specifications

Model	LS106LP V2
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	<ul style="list-style-type: none"> <li>• 6*10/100 Mbps RJ45 Ports with 4 PoE+ Ports (Port 1 to Port 4)</li> <li>• AUTO Negotiation/AUTO MDI/MDIX</li> </ul>
Network Media (Cable)	<ul style="list-style-type: none"> <li>• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)</li> <li>• 100BASE-TX: UTP category 5 or above cable (maximum 100m)</li> </ul>
Max Power Consumption	48.35 W
Max Heat Dissipation	164.39 BTU/h
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port 1 - Port 4 Power Supply: 41 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	0.893 Mpps
Switch Capacity	1.2 Gbps
MAC Address Table	2K
Packet Buffer Capacity	768 Kbit
Jumbo Frame	2 KB

Model	LS106LP V2
Extend Mode	For Ports 1-4
PoE Auto Recovery	For Ports 1-4
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Output: 53.5 VDC / 0.81 A)
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions ( W x D x H )	6.2×4.0×1.0 in (158×101×25 mm)
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Adapter, Installation Guide
Operating Temperature	0°C to 40 °C (32 °F to 104°F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158°F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing

#### Disclaimers

\*PoE budget calculations are based on laboratory testing. The actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

\*\*The speed of the ports in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to the power consumption of PoE-powered devices or the cable quality and type.

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