

# LiteWave PoE Switch | Datasheet

## LS106P

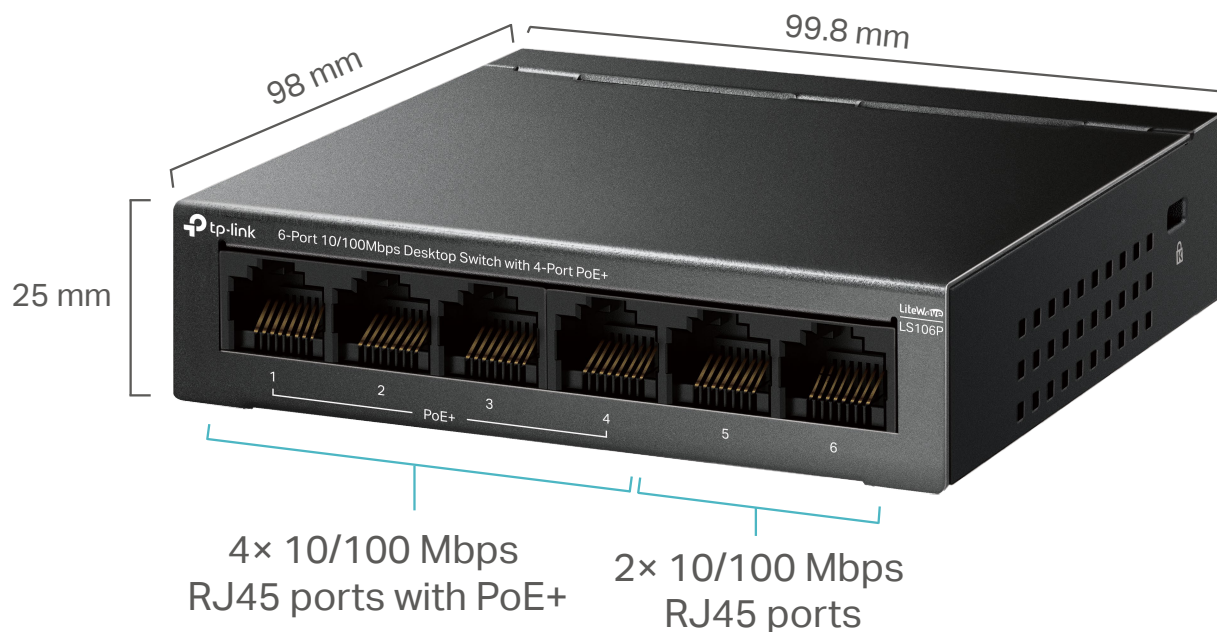
6-Port 10/100Mbps Desktop Switch with 4-Port PoE+



## Highlights

- 4× 10/100 Mbps PoE+ ports with up to 30 W PoE output per port\*
- 65 W total PoE budget\*
- Up to 250 m (820ft) data and power transmitting range under Extend Mode\*\*
- Isolation Mode allows one-click client traffic separation for higher security and performance
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD 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



## Specifications

Model	LS106P
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	66.53 W
Max Heat Dissipation	226.19 BTU/h
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port 1- Port 4 Power Supply: 65 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	0.893 Mpps
Switch Capacity	1.2 Gbps
MAC Address Table	2K
Packet Buffer Capacity	2048 Bytes
Jumbo Frame	2 KB
Extend Mode	For Ports 1-4
Isolation Mode	For Ports 1-4
Recovery Mode	For Ports 1-4

Model	LS106P
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Output: 53.5 VDC / 1.31 A)
LED	Power, Link/Act, PoE Status
Dimensions ( W x D x H )	3.9×3.9×1.0 in (99.8×98×25 mm)
Certification	CE, RoHS
Package Contents	Switch, Power Adapter, Rubber Feet, 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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