

# TPS-PSE10GF



## Product Overview

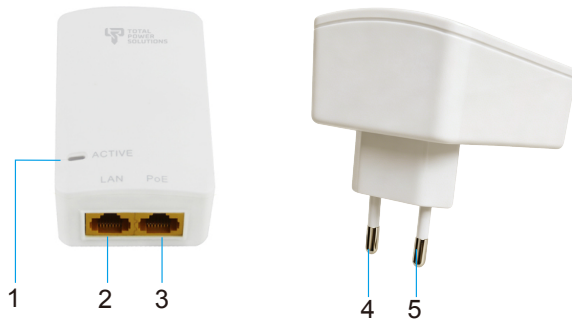


TPS-PSE10GF is a single port PoE Injector with European standard electrical plug, which is suitable for European socket. It provides 48Vdc, 0.32A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 15.4W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals.

It fully complies to IEEE802.3af PoE standard terminals.

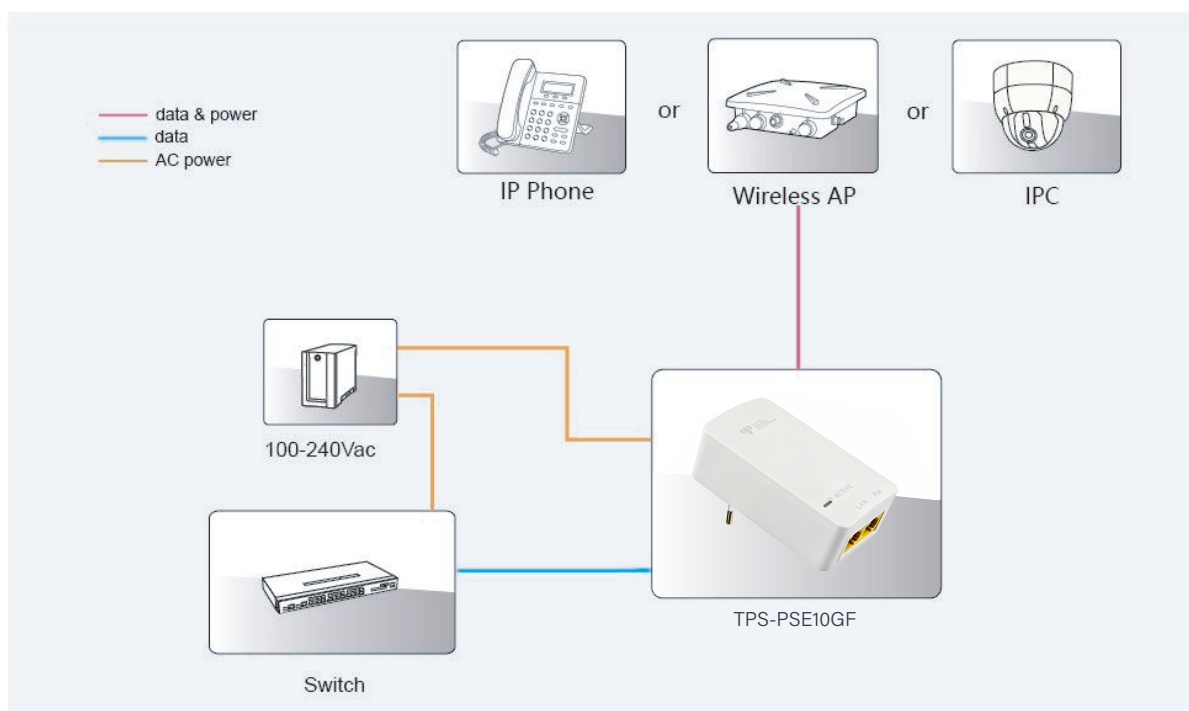
TPS-PSE10GF is designed for plug and play indoor use with compact structure. It is of good performance but lower in cost. It works with input voltage of 100-240Vac. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.

## Product Profile



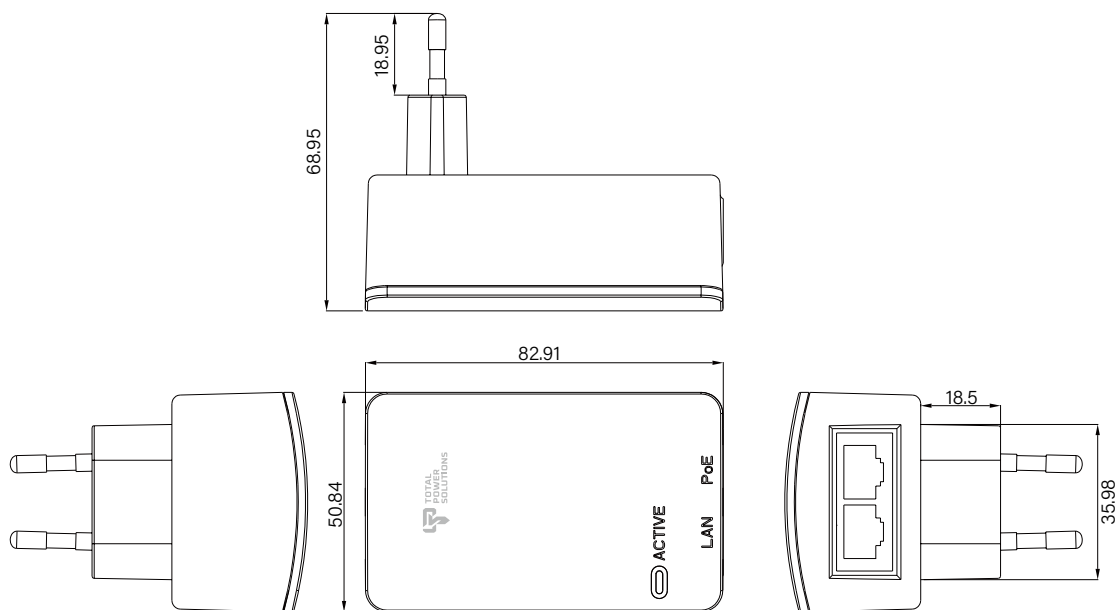
1. PoE Load Indicator
2. LAN: Data Input Port
3. PoE: Data & Power Output Port
4. AC Power Input
5. AC Power Input

## Product Working Diagram



Specification			
Input & Output	Input: 100-240Vac 0.5A 50/60Hz Output: 48Vdc 320mA Power Pins: 4/5(+), 7/8(-) Data Speed: 10/100/1000Mbps	Standard	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-Tx Fast Ethernet IEEE802.3ab 1000Base-T Gigabit Ethernet Full compliant with IEEE802.3af RoHS Compliance WEEE Compliance
Mechanical Characteristics	Case: Plastic Color: White Mounting: Wall-plug IP Rated: IP40 Size: 83mmX51mmX69mm Weight: 115g	Working Environment	Operating Temperature: 0°C to 40°C Operating Humidity: 20% to 80%, non-condensation Storage Temperature: -20°C to 70°C Storage Humidity: 10% to 90%, non-condensation Operating Altitude: up to 2000meters
EMS	IEC61000-4-2(ESD) ±6kV(contact), ±8kV(air) IEC61000-4-3(RS) 10V/m(80MHz~2GHz) IEC61000-4-4(EFT) Power Port: ±2kV; Data Port: ±1kV IEC61000-4-5(Surge) Power Port: ±1kV/DM, ±2kV/CM IEC61000-4-6(CS) 10V(150kHz~80MHz)	LED Indicator	Power Indicator: Red PoE Load Indicator: Green
		Immunity	IEC60068-2-6(Vibration) IEC60068-2-27(Impact) IEC60068-2-32(Free Fall)
Safety Approvals	CE	AC Surge Protection	Line-Earth 1.2/50us (8/20us): 2KV Line-Line 1.2/50us (8/20us): 1KV
EMI	FCC CFR47 Part 15, EN55024, EN55032		

## Product Outline Dimension



48Vdc/0.32A/1000Mbps/(4,5+,7,8-)/Active/Plug EU standard