

# PoE Switching Power Adaptor PoE100-54A

## Features

- ◆ AC input voltage range 90-290VAC
- ◆ Protections against: short circuit/over current/over voltage/over temperature over-charging
- ◆ Power Factor  $\geq 0.95$
- ◆ Meet IEEE 802.3at/PoE++ standard
- ◆ Support 10Mbps/100Mbps/1G/2.5G/5G/10G Ethernet transmission

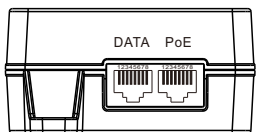


Input Voltage Range	90-290VAC	Operating Temperature	-10 ~ 50°C
Input Current	1.5A	Storage Temperature	-20 ~ 70°C
Efficiency	85%	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	$\pm 3\%$	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Power Factor	0.95		
Safety Standard	Meet CCC(GB4943.1)		
Weight	600g	Dimensions	191.5mm(w/o hanging ring)/222mm(L);80mm(W);40mm(H)
Applications	IP Phone, Wireless AP, POS device, etc.		

## Output data (PoE100-54A)

Model	Voltage (V)	Current (A)	Ripple (mV)	Av. Eff. (%) Min
PoE100-54A	54.0	0.09-1.86	300	85.0

## Pin Connections



### DATA Pins

1. Data Pair 1
2. Data Pair 1
3. Data Pair 2
4. Data Pair 3
5. Data Pair 3
6. Data Pair 2
7. Data Pair 4
8. Data Pair 4

### PoE Pins

1. Data + Power(-VDC)
2. Data + Power(-VDC)
3. Data + Power(+VDC)
4. Data + Power(+VDC)
5. Data + Power(+VDC)
6. Data + Power(+VDC)
7. Data + Power(-VDC)
8. Data + Power(-VDC)

## Standard

EMC standard	EN55032/CISPR32;EN55024/CISPR24
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 $\pm 15$ KV Air, $\pm 8$ KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 3V/m
EFT/Burst	IEC/EN 61000-4-4 $\pm 1$ KV Class B
Surge	IEC/EN 61000-4-5 $\pm 2$ KV DM, $\pm 4$ KV CM
Conducted Immunity	IEC/EN 61000-4-6 3Vr MS
Dips & Interruptions	IEC/EN 61000-4-11