UE Electronic

PoE Switching Power Adaptor
PoE90

Features

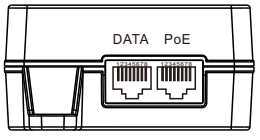
- AC input voltage range 90-290VAC
- Protections against: short circuit/over current/over voltage/over temperature over-charging
- Power Factor≥0. 9
- Meet IEEE 802.3af/at/bt standard
- Support10Mbps/100Mbps/1G/2.5G/5G/10G Ethernet transmission

Input Voltage Range	90-290VAC	Operating Temperature	-40~65℃
Input Current	1.8A	Storage Temperature	-40~70℃
Efficiency	85%	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	±3%	MTBF	100,000 hours at full load at 25℃ ambient, calculated per MIL-HDBK-217
Power Factor	0.9		
Safety Standard	BIS(IEC60950-1),BSMI(CNS14336-1), CE(EN62368-1), EAC(ICE62368-1),CB(IEC62368-1), FCC(Part 15), GS(EN62368-1), PSE(J62368-1), cULus(UL62368-1), CCC(GB4943.1),IRAM(IEC62368-1), RCM(AS/NZS 62368.1)		
Weight	570g	Dimensions	191.5mm(w/o hanging ring)/222mm(L);80mm(W);40mm(H)
Applications	IP Phone,Wireless AP, POS device, etc.		

Output data (PoE90-560161)

Model	Voltage (V)	Current (A)	Ripple (mV)	Av. Eff. (%) Min
PoE90-560161	56.0	0.09-1.61	200	85.0

Pin Connections



DATA Pins		PoE Pins
1. Data Pair 1	———	1. Data + Power(+VDC)
2. Data Pair 1	———	2. Data + Power(+VDC)
3. Data Pair 2	———	3. Data + Power(-VDC)
4. Data Pair 3	———	4. Data + Power(+VDC)
5. Data Pair 3	———	5. Data + Power(+VDC)
6. Data Pair 2	———	6. Data + Power(-VDC)
7. Data Pair 4	———	7. Data + Power(-VDC)
8. Data Pair 4	———	8. Data + Power(-VDC)

Standard

EMC standard	EN55032/CISPR32; EN55035/CISPR35
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 ±15KV Air, ±8KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 3V/m Class B
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class B
Surge	IEC/EN 61000-4-5 ±6KV DM, ±6KV CM
Conducted Immunity	IEC/EN 61000-4-6 13Vrms Class B
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT