



## Power over Ethernet Injectors

WAC-POE18V / WAC-POE24V / WAC-POE48V

The WAC-POE Series are advanced passive and active PoE compliant devices. The device does not turn on power until it detects a valid PoE signature from the devices attached downstream on the Ethernet cable. This protects against damage to non-compliant equipment which may be connected to the Ethernet cable. Because of this intelligent detection only PoE compliant devices can be powered with the WAC-POE Series.

Typically in 100Mbps / 1Gbps networks the maximum allowable CAT5 cable run is about 100 meters. This is not a limitation of the PoE equipment but rather a limitation of the Ethernet standards. The WAC-POE Series is not a proprietary unit. It will function with any equipment which is fully compliant with the PoE standard.

### Features:

- Models available in 18V, 24V, and 48V.
- Models available in Fast Ethernet and Gigabit Ethernet.
- Intelligent Detection - Extra Safety
- Remote powering of up to 100m through Cat5E cable.
- Overload and short circuit protection
- FCC and CE approved

### Applications:

- Remote routers, switches, access points and bridges
- Remote networking equipment
- IP Camera Systems
- IP Phone system

### Specifications:

Code	WAC-POE18V	WAC-POE24V	WAC-POE24VG	WAC-POE18V	WAC-POE24VG
Input Voltage	90-264 VAC				
Max. Input Current	30A / 120VAC				
Min. Efficiency	85%				
Output Voltage (+/-2.5%)	18V	24V	24V	48V	48V
Output Current	1A	0.8A	0.8A	0.5A	0.35A
Output Power	18W	19W	19W	24W	16.8W
PoE Type	Passive PoE	Passive PoE	Passive PoE	802.3 af PoE	802.3 af PoE
Ethernet Interface	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Fast Ethernet	Gigabit Ethernet
Electric Charge Regulation	5%				
Ripple/Noise	1% / 2%				
Protection	Over voltage, over current, and short circuit				
Standards	EMC: FCC Class B, EN55022 Class B Security:UL1950, CSA222,TUV EN60950 Environmental: ROHS				
Operating Temperature	-30°C a 60°C				
Storage Temperature	-40°C a 80°C				
Operating Humidity	5% a 90% HR				
Dimensions	85mm x 76mm x 36mm				
Weight	150gr				

