

RP-PGAD112

Gigabit 56V/112W Passive Ultra PoE Injector



The RP-PGAD112 is an 112W output Ultra Power over Ethernet (PoE) Injector, which eliminates the need for external power supply.

The RP-PGAD112 provides safe and cost effective PoE solution for Ethernet end terminals. It can feed Powered Device (PD) that needs Ultra power with maximum 112W power.

It is now available to use 112W Ultra power PoE Injector RP-PGAD112 to supply Power over Ethernet at higher power even than before over CAT5 or CAT6 cables in order to drive the new generation products, including smart TVs and LCD displays without for high voltage needed, expensive to install mains power cabling.

Any other higher power application requiring power to 112W can also be implemented using RP-PGAD112.

Installing home networks or rolling out display systems in airports, hotels, hospitality environments suddenly becomes that much easier with RP-PGAD112

Specifications

Output Voltage	56V
Output Current	2.0A
Output total power	112W max
Input Voltage	AC 100V ~ 240V \pm 10%
Input Frequency	47~63Hz
Input Current	1.50A at 120Vac @F.L PF > 0.98 0.6A at 230Vac @F.L PF > 0.95
Inrush Current	25A Max at 120Vac 50A Max at 230Vac
Efficiency	88% min.
Cable Type	Cat.5 cable for Ethernet data input RJ45 for Power over Ethernet output
Data rate	10/100/1000Mbps at Half/Full Duplex

Hold-Up Time	8mS min. at maximum load &120Vac Input.		
Short-circuit Protection	output Short GND Terminal will not damage the Power Supply will Auto-Recover when Load status going to normally		
Over Voltage Protection	58V ~ 60V		
Over Current Limits	120% ~ 150% @100V ~ 240Vac		
Operating Temperature	-40~50°C		
Storage Temperature	-40~+85°C		
Relative Humidity	5%-90%		
Cooling	Free air cooling		
Dimension	L118 x W150 H40 mm		
Safety	CE , FCC		
RJ45 PoE-Out Pin Define	Pin	Power	Data
	1	-Vdc	Transmit Data +
	2	-Vdc	Transmit Data -
	3	+ Vdc	Receive Data +
	4	+ Vdc	Bi-directional Data +
	5	+ Vdc	Bi-directional Data -
	6	+ Vdc	Receive Data -
	7	- Vdc	Bi-directional Data +
	8	- Vdc	Bi-directional Data -
	9	SHLD	Shield enclosure

Ordering Information

RP-PEAD112 Gigabit 56V/112W Passive Ultra PoE Injector