



EPA5012GP      EPA2410GP  
 EPA5006GP      EPA2406FP  
 EPA5006GAT

## Enterprise-Class Single Port Power- Over-Ethernet Adapter

**Powered by EnGenius Single Port Power-over-Ethernet (PoE) adapter solution is ideal for installers to deploy PoE devices scalable, and to reduce maintenance cost and labor fee.**

The ideal solution could assist installers to solve the limitation in designing networks is the availability of power source. The EnGenius PoE adapter allows delivery of both data and power to compatible Access Points or device over a single Ethernet cable, allowing deployment of them exactly when users needed to provide the best wireless coverage and at much lower installation cost.

Besides built-in networking facility, EPA series is also equipped with short-circuit and overload protection to assure the securable and reliable connection for Access Points or other PoE devices. By sending direct current (DC) output, Ethernet terminals which need more power such as wireless LAN high power device, IP media center, and web camera are powered remotely.

### Features

- > Scalable deployment by powering devices from up to 100 meter (328 feet) remote-end
- > Significantly reduce maintenance cost and labor fee



### Physical Interfaces

LED INDICATORS



AC Connector



POE

LAN

\*Reset Button: future models

## Technical Specifications Single Port Power-over-Ethernet (PoE) Adapter

Model	EPA2406FP	EPA2410GP	EPA5006GP	EPA5006GAT	EPA5012GP
<b>Power Specification</b>					
Input Voltage	100V~240V AC				
Input Current	0.4A @ 120V AC	0.7A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	1.12A @ 120V AC
AC Input Frequency	50-60Hz				
Max. Output Power	14.4W	24W	32.8W	30W	60W
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)				
<b>Data Specifications</b>					
Ethernet Ports Std.	10/100 Mbit/s	10/100/1000 Mbit/s			
Data Lines	Pin1(Rx+)&Pin2(Rx-); Pin3(Tx+)&Pin6(Tx-)				
<b>Protection Level</b>					
Surge Protection	L-L: 1KV; L-G: 2KV	L-L: 2KV; L-G: 4KV			
ESD	Contact 4KV; Air: 8KV				
Other Protection	Over-voltage and over-current protection; Short-circuit protection				
<b>Physical Interfaces &amp; Indicators</b>					
Ethernet Ports	1 x 10/100/1000 Data input; 1 x 10/100/1000 Data & power output				
AC Connector	1 x IEC 320C6 AC connector				
LED Indicator	Power on : Green				
<b>Mechanical &amp; Environment</b>					
Dimension	100mm x 58.4 mm x 33.4 mm (3.9" x 2.27" x 1.3")				
Weight	TBC	144g (5.08 oz)	144g (5.08 oz)	154g (5.44 oz)	TBC
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F ), Operation : 0 ~ 40°C (42 ~ 140 °F )				
<b>Compliance Regulatory</b>					
CB	IEC 60950-1: 2005+A1+A2				
UL	UL 60950-1 2 <sup>nd</sup>				
FCC	FCC Subpart15 B				
CE	EN 55032:2012/AC:2013				
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012				
GS	EN 60950-1: 2006+A11+A1+A12+A2				
<b>Warranty</b>					
1 year hardware warranty					

\* EPA2406FP and EPA5012GP will be launched in Q3, 2016

## Compliant Models

Model	EPA2406FP	EPA2410GP	EPA5006GP	EPA5006GAT	EPA5012GP	
Compliant AP List			ECB350	ECB350		
			EAP350	EAP350		
			ECB600	ECB600		
			EAP600	EAP600		
			EAP900H	EAP900H		
			ECB1200	ECB1200		
			ECB1750	ECB1750		
			EAP1750H	EAP1750H		
		ENS200(EXT)		ENS1200	ENS1200	
		ENS202(EXT)		ENS1750	ENS1750	EWS860AP
		ENS500(EXT)		EnStationAC	EnStationAC	EWS870AP
		ENH200(EXT)	ENS620EXT	ENH220EXT	ENH220EXT	EWS871AP
		ENH202		ENH710EXT	ENH710EXT	ENH1750EXT
		ENH500		EWS300AP	EWS300AP	ENH900EXT
		EnStation2		EWS310AP	EWS310AP	
		EnStation5		EWS320AP	EWS320AP	
				EWS360AP	EWS360AP	
				EWS370AP	EWS370AP	
				EWS371AP	EWS371AP	
				EWS500AP	EWS500AP	
			EWS510AP	EWS510AP		
			EWS650AP	EWS650AP		
			EWS660AP	EWS660AP		

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