



EPA2406FP      EPA5006GP(GR)  
 EPA2406GP(GR)    EPA5006GAT  
 EPA2410GP      EPA5012GP

## 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.

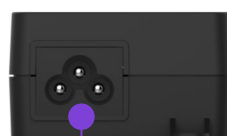
### Features

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

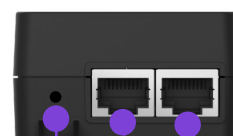


### Physical Interfaces

LED INDICATORS



AC Connector



Reset  
 (For GR models only)

LAN

POE

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

Model	EPA2406FP	EPA2406GP	EPA2406GR	EPA2410GP
<b>Power Specification</b>				
Input Voltage	100V~240V AC			
Input Current	0.4A @ 120V AC	0.4A @ 120V AC	0.4A @ 120V AC	0.7A @ 120V AC
AC Input Frequency	50-60Hz			
Max. Output Power	14.4W	14.4W	14.4W	24W
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 (US, EU, UK, AU)			
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 (Adapter Only)	112g (3.95oz)	112g (3.95oz)	112g (3.95oz)	144g (5.08 oz)
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~			
FCC	FCC Subpart15 B			
CE	EN 55032:2012/AC:2013, EN 55024: 2010			
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012			
<b>Warranty</b>				
1 year hardware warranty				

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

Model	EPA5006GP	EPA5006GR	EPA5006GAT	EPA5012GP
<b>Power Specification</b>				
Input Voltage	100V~240V AC			
Input Current	0.8A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	1.12A @ 120V AC
AC Input Frequency	50-60Hz			
Max. Output Power	32.8W	32.8W	30W	60W
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)			
<b>Data Specifications</b>				
Ethernet Ports Std.	10/100/1000 Mbit/s			
Data Lines	Pin1(Rx+)&Pin2(Rx-); Pin3(Tx+)&Pin6(Tx-)			
<b>Protection Level</b>				
Surge Protection	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 (US, EU, UK, AU)			
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 (Adapter Only)	144g (5.08 oz)	144g (5.08 oz)	154g (5.44 oz)	186g (6.56oz)
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, EN 55024: 2010			
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012			
<b>Warranty</b>				
1 year hardware warranty				

## Compliant Models

Model	EPA2406FP	EPA2406GP	EPA2406GR	EPA2410GP
Compliant AP List	ENS202(EXT)(v2) ENS202(EXT) ENS500(EXT) ENH200(EXT) ENH202(v2) ENH500(v2) EnStation5	ENS500-AC ENS500EXT-AC EnStation5-AC ENS202(EXT) ENS500(EXT) ENH200(EXT) ENH202(v2) ENH500(v2) EnStation5	ENS500-AC(EXT)(v2) EnStation5-AC(v2) ENH500(v3)	ENS620EXT

Model	EPA5006GP	EPA5006GR	EPA5006GAT	EPA5012GP
Compliant AP List	EAP1250 EAP1300 EAP1300(EXT) EAP1750H EAP2200 ECB1750 ENS1750 EnStationAC EWS330AP EWS355AP EWS357AP EWS360AP EWS370AP EWS371AP EWS377AP EWS385AP EWS511AP EWS550AP EWS660AP ECW120 ECW220 ECW230	ENH1350EXT ENStationAC(v2)	EAP1250 EAP1300 EAP1300(EXT) EAP1750H EAP2200 ECB1750 ENS1750 EnStationAC EWS330AP EWS355AP EWS357AP EWS360AP EWS370AP EWS371AP EWS377AP EWS385AP EWS511AP EWS550AP EWS660AP ECW120 ECW220 ECW230	EWS860AP EWS870AP EWS871AP ENH1750EXT

HQ, Taiwan  
www.engeniusnetworks.com

Costa Mesa, California, USA | (+1) 714 432 8668  
www.engenustech.com

Dubai, UAE | (+971) 4 357 5599

Singapore | (+65) 6227 1088  
www.engenustech.com.sg

Miami, USA | (+1) 305 887 7378  
pg.engenustech.com es.engenustech.com

Eindhoven, Netherlands | (+31) 40 8200 888  
www.engeniusnetworks.eu



Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.

Version 4.0— 2019/10/30