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

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.

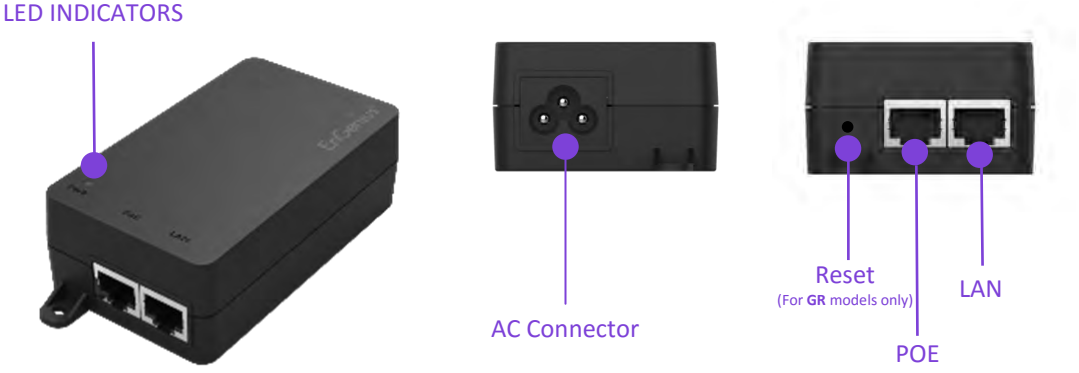
Besides built-in networking facility, EPA series is also equipped with short-circuit and overload protection to assure the securable and reliable connection for Access Points or other PoE devices. By sending direct current (DC) output, Ethernet terminals which need more power such as wireless LAN high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



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

Model	EPA2406FP	EPA2406GP	EPA2406GR	EPA2410GP
Power Specification				
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-)			
Data Specifications				
Ethernet Ports Std.	10/100 Mbit/s	10/100/1000 Mbit/s		
Data Lines	Pin1(Rx+)&Pin2(Rx-); Pin3(Tx+)&Pin6(Tx-)			
Protection Level				
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			
Physical Interfaces & Indicators				
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			
Mechanical & Environment				
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)			
Compliance Regulatory				
CB	IEC 60950-1: 2005+A1+A2			
UL	UL 60950-1 2nd			
FCC	FCC Subpart15 B			
CE	EN 55032:2012/AC:2013, EN 55024: 2010			
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012			
Warranty				
1 year hardware warranty				

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

Model	EPA5006GP	EPA5006GR	EPA5006GAT	EPA5012GP	EPA5012GR
Power Specification					
Input Voltage	100V~240V AC				
Input Current	0.8A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	1.12A @ 120V AC	1.12A @ 120V AC
AC Input Frequency	50-60Hz				
Max. Output Power	32.8W	32.8W	30W	60W	60W
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)				
Data Specifications					
Ethernet Ports Std.	10/100/1000 Mbit/s				
Data Lines	Pin1(Rx+)&Pin2(Rx-); Pin3(Tx+)&Pin6(Tx-)				
Protection Level					
Surge Protection	L-L: 2KV; L-G: 4KV				
ESD	Contact 4KV; Air: 8KV				
Other Protection	Over-voltage and over-current protection; Short-circuit protection				
Physical Interfaces & Indicators					
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				
Mechanical & Environment					
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)	186g (6.56oz)
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F), Operation : 0 ~ 40°C (42 ~ 140 °F)				
Compliance Regulatory					
CB	IEC 60950-1: 2005+A1+A2				
UL	UL 60950-1 2nd				
FCC	FCC Subpart15 B				
CE	EN 55032:2012/AC:2013, EN 55024: 2010				
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012				
Warranty					
1 year hardware warranty					

Compliant Models

Model	EPA2406FP	EPA2406GP	EPA2406GR	EPA2410GP
Compliant AP List	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	ETD500-AC(EXT) ETD5-AC	ENS620EXT

Model	EPA5006GP	EPA5006GR	EPA5006GAT	EPA5012GP	EPA5012GR
Compliant AP List	EAP1250 EAP1300(EXT) ECB1750 ECM355AP ENS1750 EnStationAC EWS330AP EWS355AP EWS360AP EWS370AP EWS371AP EWS511AP EWS550AP EWS660AP	ECM855AP ENH1350EXT	EAP1250 EAP1300(EXT) ECB1750 ECM355AP ENS1750 EnStationAC EWS330AP EWS355AP EWS360AP EWS370AP EWS371AP EWS511AP EWS550AP EWS660AP	EWS860AP EWS870AP EWS871AP ENH1750EXT	ECM955AP

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