EPA2406FP
EPA2406GP(GR)
EPA2410GP
EPA5006GP(GR)
EPA5006GAT
EPA5006HAT
EPA5012GP
EPA5060GBT
EPA5060HBT
EPA5060XBT
EPA5090GBT
EPA5090HBT
EPA5090XBT

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.

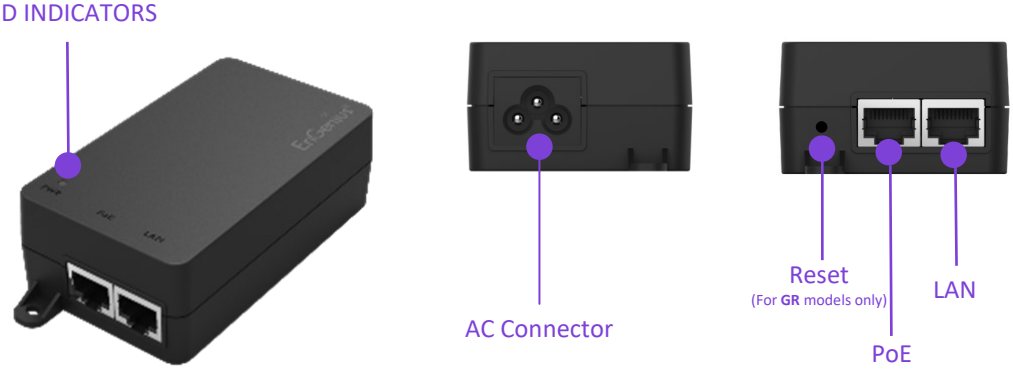
The ideal solution could assist installers to solve the limitation in designing networks is the availability of power source. The EnGenius PoE adapter allows delivery of both data and power to compatible Access Points or device over a single Ethernet cable, allowing deployment of them exactly when users 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
- Up to 90W power over CAT5 or 5e UTP/STP Ethernet cable by four pairs.
- Wide range of power requirements complying a complete set of PoE standards: 802.3AF/AT/BT and proprietary pass through mode.
- Our 802.3AF/AT options offer both Mode A (end-span) and Mode B (mid-span) in simple plug-and-play installation.

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 0.24A @ 240V AC	0.4A @ 120V AC 0.24A @ 240V AC	0.4A @ 120V AC 0.24A @ 240V AC	0.7A @ 120V AC 0.35A @ 240V 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	10/100 Mbit/s	1 x 10/100/1000 Data input; 1 x 10/100/1000 Data & power output		
AC Connector	1 x IEC 320 C6 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 62328-1: 2014			
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	EPA5006HAT
Power Specification				
Input Voltage	100V~240V AC			
Input Current	0.8A @ 120V AC 0.4A @ 240V AC	0.8A @ 120V AC 0.4A @ 240V AC	0.8A @ 120V AC 0.4A @ 240V AC	0.8A @ 120V AC 0.4A @ 240V AC
AC Input Frequency	50-60Hz			
Max. Output Power	32.8W		30W	
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)			
Data Specifications				
Ethernet Ports Std.	Proprietary		IEEE 802.3 AF/AT	
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 10/100/1G Data input; 1 x 10/100/1G Data & power output		1 x 10/100/1G Data input; 1 x 10/100/1G Data & power output	1 x 10/100/1G/2.5G Data input; 1 x 10/100/1G/2.5G Data & power output
AC Connector	1 x IEC 320 C6 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)	154g (5.44 oz)
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F), Operation : 0 ~ 40°C (42 ~ 140 °F)			
Compliance Regulatory				
CB	IEC 62328-1: 2014			
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	EPA5012GP	EPA5060GBT	EPA5060HBT	EPA5060XBT
Power Specification				
Input Voltage	100V~240V AC			
Input Current	1.12A @ 120V AC 0.75A @ 240V AC	1.12A @ 120V AC 0.75A @ 240V AC		
AC Input Frequency	50-60Hz			
Max. Output Power	60W	60W		
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)			
Data Specifications				
Ethernet Ports Std.	Proprietary	IEEE 802.3 AF/AT/BT		
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 10/100/1G Data input; 1 x 10/100/1G Data & power output	1 x 10/100/1G Data input; 1 x 10/100/1G Data & power output	1 x 10/100/1G/2.5G Data input; 1 x 10/100/1G/2.5G Data & power output	1 x 10/100/1G/2.5G/10G Data input; 1 x 10/100/1G/2.5G/10G Data & power output
AC Connector	1 x IEC 320 C6 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)	186g(6.56oz)	190g(6.7oz)		
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F), Operation : 0 ~ 40°C (42 ~ 140 °F)			
Compliance Regulatory				
CB	IEC 62328-1: 2014			
UL	UL 62328-1			
FCC	FCC Subpart15 B			
CE	EN 55032:2012/AC:2013, EN 55024: 2010			
Warranty				
1 year hardware warranty				

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

Model	EPA5090GBT	EPA5090HBT	EPA5090XBT
Power Specification			
Input Voltage	100V~240V AC		
Input Current	0.95A @ 120V AC 0.5A @ 240V AC		
AC Input Frequency	50-60Hz		
Max. Output Power	90W		
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)		
Data Specifications			
Ethernet Ports Std.	IEEE 802.3 AF/AT/BT		
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 10/100/1G Data input; 1 x 10/100/1G Data & power output	1 x 10/100/1G/2.5G Data input; 1 x 10/100/1G/2.5G Data & power output	1 x 10/100/1G/2.5G/10G Data input; 1 x 10/100/1G/2.5G/10G Data & power output
AC Connector	1 x IEC 320 C6 AC connector (US, EU, UK, AU)		
LED Indicator	Power on : Green		
Mechanical & Environment			
Dimension	150mm x 65 mm x 34 mm (5.9” x 2.56” x 1.34”)		
Weight (Adapter Only)	210g(7.4oz)		
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F), Operation : 0 ~ 40°C (42 ~ 140 °F)		
Compliance Regulatory			
CB	IEC 62328-1: 2014		
UL	UL 62328-1		
FCC	FCC Subpart15 B		
CE	EN 55032:2012/AC:2013, EN 55024: 2010		
Warranty			
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	EPA5060HBT
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) EWS850AP ECW160 ECW260 ENH500-AX EnStation6 ENS621EXT	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	ECW270

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