

# EPA5006GP

Passive 54V Gigabit Single Port PoE Adapter



### Key Features

- Passive 54V
- Gigabit Compatible
- Scalable installation by powering devices from up to 100meter (328feet) away
- Eliminate the installing cost and time easily

### EnGenius PoE Adapter is easily to power and to network over Ethernet for increasing scalability and reducing installation time and cost.

EPA series is a single-port Power over Ethernet (PoE) adapter for use with gigabit system. 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 an Passive 54V- compatible Access Point 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.

### Outdoor Networking Facility and Low Port Density Installations

The EPA5006GP PoE adapter is Passive 54V, with disconnect, short -circuit and overload protection to assure the securable and reliable connection for Access Points or other PoE devices. By sending maximum 54V/0.6A output, Ethernet terminals which need more power such as wireless LAN high power device, IP media center, and web camera are powered remotely.

Product Specification	
Power	Input voltage : 100 to 240VAC
	Input current 0.8A maximum for 100VAC
	AC input Frequency 47-63Hz
	Maximum output power 32.8W
	Pin4, 5:54V; Pin7, 8: Return
Data	Compatible with 10/100/1000 Mbit/s Ethernet, full duplex
Environment	Operating Temperature : 0°C to 40°C (32 to 104°F)



	Storage Temperature : -30°C to 80°C (-22 to 176°F)
	Operating humidity: 5 to 90% under Non-condensing
Additional Features	Over-voltage and over-current protection Short-circuit protection
Dimension	100mm x 58.4mm x 33.4mm (3.9" x 2.27" x 1.3") Weight TBD
Physical Interface	1 x 10/100/1000 Data input 1x10/100/1000 Data & power output 1x IEC 320C6 AC connector
LEDs Indicators	Power on : green
Mounting	Mounts to walls (anchors and screws included)
Regulatory	IEC 60950-1:2005 + A1 UL60950-1 EN55022:2010 EN55024:2010 FCC Part15 Class B AS/NZS60950-1
Warranty	1 year hardware warranty
<b>Ordering Specification</b>	
EPA5006GP-US	EnGenius Passive 54V Power Ethernet Injector (US Plug)
EPA5006GP-EU	EnGenius Passive 54V Power Ethernet Injector (EU Plug)
EPA5006GP-UK	EnGenius Passive 54V Power Ethernet Injector (UK Plug)
EPA5006GP-AU	EnGenius Passive 54V Power Ethernet Injector (AU/NS Plug)

EPA5006GP Data sheet Version 220715

Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range can vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. Copyright © 2015 EnGenius. All rights reserved.

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