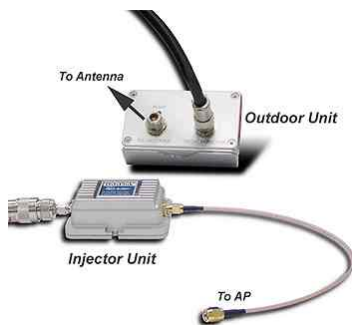


## WPA-2400EG

### 2.4GHz Lightning Protector

The WPA-2400EG is a complete set of weather-proof 2.4Ghz power booster that amplify the signal of any 802.11g device for up to 30dBm(1Watt) in power. That means your AP or wireless router can reach over 20 kilometers in open space distance using a 18dBi antenna. Best of all, the booster is bi-directional to increase both the output power and the receiving sensitivity. Several models with different output level (100mW, 200mW, 500mW, 1W) are available to fit your operating environment.



The packages includes a booster unit and a DC injector unit. The booster unit contains the amplifier and the connector to external antenna. The DC injector contains the connector to wireless device and the power connector. This setup allow the booster unit to be placed outdoor with the antenna while leaving the DC injector and your wireless AP/Router indoor. The electricity for booster unit can be supplied through the RF cable at distance up to 30 meters from the DC injector unit.

\*Note: The recommended cable distance between Booster Outdoor Unit and the antenna is 50cm or less

#### Standard Accessories

Booster Unit	DC Injector Unit
	
Accessories	SWITCH ADAPTOR
	



## Specification

### Weather proof

- DC power feed through RF cable
- Easy to mount
- Auto gain adjustment

### Output Power

- WPA-2400EG-20: 20dBm(100mW)
- WPA-2400EG-23: 23dBm(200mw)
- WPA-2400EG-27: 27dBm(500mW)
- WPA-2400EG-30: 30dBm(1W)

### Operating Range

- 2400-2500 MHz

### Operating Mode

- Bi- Directional TDD

### Transmit Gain

- Auto Gain to the specific output power (see the output power section for different model above)

### TX Input Power

- 7 dBm Min/20dBm Max

### Receiver Gain

- 15-18dB, 17dB typical

### Noise Figure

- 3.5dB typical

### Connectors

- N-Type, 50 Ohm

### Accessories

- Indoor DC Unjector Unit
- Outdoor Booster Unit
- 30cm RG-316 cable for connection between DC inject and AP
- Mounting Kits
- Power Adapter
- 2 x SMA to N-Type converters

### Lightning Protection

- At 6V/DC input from transmission cable

### Power Consumption

- 6V DC Max. current<1A, 90-264V for AC adapter

### Operating Temperature

- -40C to +70C

### Safety

- FCC, CE, VCCI

## Ordering Information

<b>WPA-2400EG-20</b>	20dBm(100mW) 802.11g power booster
<b>WPA-2400EG-23</b>	23dBm(200mw) 802.11g power booster
<b>WPA-2400EG-27</b>	27dBm(500mW) 802.11g power booster
<b>WPA-2400EG-30</b>	30dBm(1W) 802.11g power booster