

# 60W 2.5 Gigabit 56V DC Passive Power Inserter

## RG-POE-50-60W-MG



The RG-POE-50-60W-MG passive power inserter delivers reliable high-power connectivity for demanding network devices. Providing up to 60W of power at 56V DC, it's perfectly suited for powering Ruijie Reyee wireless access points and other compatible 56V DC equipment. Featuring 2.5Gbps RJ45 input and output ports for ultra-high-speed data transfer, the RG-POE-50-60W-MG ensures seamless power and data delivery. Designed for dependable performance, it also supports a wide operating temperature range, making it ideal for a variety of installation environments.

### 3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

### Features and Benefits

- » Passive PoE power inserter delivering up to 60 Watts of power
- » Output voltage 56V DC @ 1.08A for efficient power delivery
- » Inrush current <60A peak @ 120V AC, <120A peak @ 230V AC
- » 2x RJ45 MultiGigabit 10/100/1000/2500Mbps ports
- » Can be used to power many 56V DC compliant PoE devices, Wi-Fi access points, IP PTZ cameras, etc.
- » 4-pair powering, pins 1, 2, 4, 5(+) and pins 3, 6, 7, 8(-) with passive PoE



**60W 2.5 Gigabit 56V DC Passive Power  
Inserter  
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|                       |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| Dimensions            | 137.4x62.3x32.6 mm (5.41 x 2.45 x 1.28")                                                |
| Weight                | 225 g (7.94 Oz)                                                                         |
| Output Voltage        | 56VDC @ 1.08A                                                                           |
| Gigabit LAN Port      | 2.5G                                                                                    |
| Remote Reset          | No                                                                                      |
| Capability            |                                                                                         |
| PoE Standard          | Passive PoE, 56V, 60W                                                                   |
| Rated Voltage         | 100-240VAC @ 50/60Hz                                                                    |
| Input Current         | 1.5A@120VAC, 1.2A@240VAC                                                                |
| Inrush Current        | <60A Peak @ 120VAC, <120A Peak @ 230VAC                                                 |
| Efficiency            | 80+%                                                                                    |
| Output Ripple         | 1%                                                                                      |
| Switching Frequency   | 65KHZ                                                                                   |
| Line Regulation       | ≤5%                                                                                     |
| Load Regulation       | ≤5%                                                                                     |
| 2-Pair Powering       | -                                                                                       |
| 4-Pair Powering       | Pins 1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)                                             |
| Operating Temperature | 0°C TO 40°C (32 to 104° F)                                                              |
| Storage Temperature   | -30 to 70°C (-22 to 158° F)                                                             |
| Operating Humidity    | 35-95% RH, Non-condensing                                                               |
| AC Connector          | 3-pole appliance inlet type C6                                                          |
| Data IN / POE         | RJ45 Shielded Socket                                                                    |
| Surge Protection      | Difference and Common Mode                                                              |
| Clamping Protection   | 65V Power                                                                               |
| Max. Surge Discharge  | 500A(8/20us)power                                                                       |
| Peak Pulse Current    | 36A (10/1000 μs) Data                                                                   |
| Shunt Capacitance     | <5 pf data                                                                              |
| Response Time         | <1 ns                                                                                   |
| Certifications        | CE;CCC                                                                                  |
| Warning               | Operation of this equipment in a residential environment could cause radio interference |