

POWER SUPPLY FOR POE DEVICES  
**1000W POE™**  
 POWER SUPPLY



Application | The 1000W POE PSU provides high power for a range of IP transmission devices.



## 1000W POE Power supply for a new generation of high power POE devices

This 1000W 57V PSU is designed to power Veracity's HIGHWIRE Base 8, LONGSPAN Base 8 and LONGSPAN Max Base units, providing high levels of POE to IP cameras and other POE devices.

- | 1000W 1U rackmount PSU for high power POE applications
- | 57V DC output on 4 connectors (17.5A total current)
- | Supplied with 4 x 400mm connecting DC patch cables
- | Two units may be fitted to the same rear-mounted 1U plate
- | Fits in same 1U as front-mounted Base 8 units
- | Short-circuit, overcurrent and overvoltage protection
- | Auto-reset on fault conditions

## TECHNICAL SPECIFICATION

1000W POE™  
POWER SUPPLY

<b>POWER INPUT</b>	
Input Voltage	100 - 240V AC
Input Voltage Frequency	50/60Hz
Current	Max 11A
<b>POWER OUTPUT</b>	
Normal Output Voltage	57V DC
Maximum Output Current	17.5A
<b>PHYSICAL/ENVIRONMENTAL</b>	
Product Case Dimensions	L 177mm (215.5mm including lugs) D 290mm H 42.5mm
Fascia Plate Dimensions	W 482mm H 44mm T 2mm (thickness)
Weight	2.205Kg [ 4lbs 13.7oz ] (including front bracket)
Operating Temperature	0° ~ +40°C, [32°F~ +104°F], Full Load and natural convection
Storage Temperature	-10° ~ +70°C, [14°F~ +158°F],
Operating/Storage Humidity	10 ~ 90% RH (non-cond)
Compliance	EN55032:2015, EN55035:2017, ICES-003, VCCI, IEC 62368-1: 2018, FCC, CE, ROHS,
Patch Cables	Supplied with four x 400mm DC patch cables with Molex micro-fit connectors
<b>LED DISPLAY AND INDICATORS</b>	
POWER LED - GREEN	Output Power on
POWER LEVELS LED - GREEN	Green - 3 x LEDs indicating 20%, 40% and 60% power delivery level
POWER LEVELS LED - AMBER	Amber - 1 x LED indicating 80% power delivery level
POWER LEVELS LED - RED	Red - 1 x LED indicating maximum power level exceeded
<b>ASSOCIATED PRODUCTS</b>	
VHW-HWPS-B8	HIGHWIRE Powerstar Base 8 (POE over coax, BASE device) 8 port switch
VLS-LS-B8	LONGSPAN Base 8 (POE over Ethernet, BASE device) 8 port switch
VLS-LSM-B	LONGSPAN Max Base Long range high power POE base device (1ch)
VRM-TRAY-BASE	1U Rackmount Assembly for Base 8 devices (4 devices)
<b>PRODUCT CODES</b>	
VPSU-POE-1000-UK	1kW POE Rackmount PSU, Fascia Plate, 4 microfit connectors. (UK Power cord)
VPSU-POE-1000-EU	1kW POE Rackmount PSU, Fascia Plate, 4 microfit connectors. (EU Power cord)
VPSU-POE-1000-US	1kW POE Rackmount PSU, Fascia Plate, 4 microfit connectors. (US Power cord)



Two 1kW Power Supplies can be mounted on a single 1U Rackmount Fascia Plate

**Surge Protection**

All Veracity products have been independently tested to verify their resilience to the stringent immunity levels of international standards. Users should note that no electronic equipment can be guaranteed to be completely protected at levels beyond the defined standard ; therefore product warranty cannot include damage to products which has been caused by surges exceeding those of the standards specified, for example lightning strike activity. It is the user's responsibility to implement relevant surge protection measures, as appropriate to the installation. This may include the fitting of additional surge protection devices where required.

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