

POWER SUPPLY FOR POE DEVICES
100W POE™
POWER SUPPLY



Application | The Veracity 100W POE PSU provides power for a range of IP transmission devices.

100W POE Power supply for a new generation of high power POE devices

This 100W PSU is designed to power Veracity's HIGHWIRE, LONGSPAN and CAMSWITCH IP transmission products which in turn deliver POE to IP cameras and other POE devices



- | 100W PSU designed for POE applications
- | 57V DC, 1.75A output
- | Wide voltage range input
- | Short circuit protection
- | Overcurrent and overvoltage protection
- | Auto-reset on all fault conditions
- | Compact and fanless for high reliability
- | Wide operating temperature range



TECHNICAL SPECIFICATION

100W POE™
POWER SUPPLY

POWER INPUT

Input voltage
Maximum input current
Input protection

100-240V AC, 50/60Hz
1.5A
Fused

POWER OUTPUT

Normal output voltage
Maximum output current
Output protection
Efficiency
Noise & ripple

57V DC with overvoltage protection & auto-reset
1.75A with overcurrent protection & auto-reset
Short circuit protection with auto-reset once short removed
>89%
<300mV

PHYSICAL / ENVIRONMENTAL

Case dimensions
Weight
Operating temperature
Storage temperature
Operating humidity
Storage humidity
Safety & compliance
MTBF
Input connector
Output cable

L 150mm x W 65mm x H 35.5mm [5.9in x 2.5in x 1.4in]
300g [10.6oz]
-20°C to +40°C [-4°F to +104°F]
-30°C to +70°C [-22°F to +158°F]
10% to 90% relative humidity, non-condensing
5% to 90% relative humidity, non-condensing
CE EN55032, FCC Class B, UL, EN60065/EN60950
50,000 hrs
C8 input connector
Flying lead, 1 metre, [39.3in] ends stripped and tinned

ASSOCIATED PRODUCTS

VHW-HWPS-B4
VHW-HWPS-B8
VLS-1P-BC
VLS-1P-B
VLS-LS-B8
VLS-LSM-B
VLS-LSM-C
VLS-LSM-C4
VCS-CS-4P1
PSU-TRAY-ASSY

HIGHWIRE Base 4
HIGHWIRE Base 8
HIGHWIRE Longstar Base
LONGSPAN Base (Multiple units)
LONGSPAN Base 8
LONGSPAN Max Base
LONGSPAN Max Camera
LONGSPAN Max Camera Quad
CAMSWITCH 4 Plus
1U PSU Tray

PRODUCT CODES

VPSU-POE-100-UK
VPSU-POE-100-EU
VPSU-POE-100-US

100W POE Power Supply with UK power cable
100W POE Power Supply with EU power cable
100W POE Power Supply with US power cable



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