

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

<b>POWER INPUT</b> Input voltage Maximum input current Input protection	100-240V AC, 50/60Hz 1.5A Fused
<b>POWER OUTPUT</b> 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
<b>PHYSICAL / ENVIRONMENTAL</b> 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 UKCA, Class B, UL, EN60065/EN60950 50,000 hrs C8 input connector Flying lead, 1 metre, [39.3in] ends stripped and tinned
<b>ASSOCIATED PRODUCTS</b> 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
<b>PRODUCT CODES</b> 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



veracity

 Veracity HQ  
 Prestwick International Aerospace Park  
 4 Dow Road  
 Prestwick  
 UK  
 KA9 2TU  
 Tel +44 (0) 1292 264967

[www.veracityglobal.com](http://www.veracityglobal.com)  
[sales@veracityglobal.com](mailto:sales@veracityglobal.com)

 See [www.veracityglobal.com](http://www.veracityglobal.com) website  
 for country and region specific contacts.

© Veracity UK Ltd 2023. All rights reserved. DV1.2EN

 Under no circumstances should this document be reproduced,  
 distributed or changed, partially or wholly, without written,  
 formal authorisation from Veracity UK Ltd.

 HIGHWIRE®, HIGHWIRE Powerstar™, HIGHWIRE Longstar™,  
 LONGSPAN®, LONGSPAN Max™ and CAMSWITCH™ are  
 trademarks of Veracity UK Ltd.