



The three “type E” power supplies are provided primarily for the markets where VdS approval to EN54-20 is a requirement.

These units have been developed to compliment the style and appearance of Xtralis detectors by utilising custom designed enclosures allowing the unit to blend with the Xtralis detectors they power.

Variations

VPS-220-E: 0.5A load / 14Ahr batteries (max)

This is the premier unit within the range. Designed with the same foot print, colour and layout as the Xtralis VESDA VLP and VLS, the power supply will visually blend with the detectors.

Internally is an EN54-4 approved Power Supply, battery space is available for 7, 12 or 14 amp/hr battery back up dependant on the load and back up time required.

With regard to installation, cable entry knockouts all line up with the VLP and VLS enclosure allowing positioning of the power supply directly adjacent to the detector.

The front cover supports 2 LED's giving a quick visual indication of OK and/or fault condition.

VPS-215-E: 0.5A load / 7Ahr batteries (max)

This is the budget unit within the range. It is intended as a low cost unit to supply a single pipe ASD detector which only requires 7Ahr batteries. A simple but elegant construction and no LED's on the lid keep the cost of the unit to a minimum.

This unit is still engineered to compliment the product with cable entry knockouts lining up with the cable entries on various xtralis detectors. The unit can also be inverted where site conditions require it.

The internal charger is EN54-4 approved and incorporates board mounted OK (output healthy) and Fault LED's.

VPS-250-E: 2A load / 38Ahr batteries (max)

This power supply is designed for installation with multiple detector and/or remote displays. With a 5 amp EN54-4 approved charger, space internally for up to 38Ahr batteries and 4 separate fused outputs, this is a very versatile unit.

The front cover supports 2 LED's to provide visual indication of Healthy status (OK) or fault condition.

Various knockouts exist to provide convenient cabling access to subracks or detectors.

Features

- Available in three sizes: 0.5A / 7Ahr, 0.5A / 14Ahr and 2A / 38Ahr
- Temperature compensated charging to maximise battery life
- Designed to blend in with Xtralis detectors
- Knockouts designed to line up with Xtralis detectors
- LED indication on 2A and 5A units
- Relay outputs for connection to the VESDA general-purpose input.
- 230 VAC only

Listings / Approvals

- VdS
- CE
- EN54-4:1997+A1:2002+A2:2006

Specifications

Type	VPS-220-E	VPS-215-E	VPS-250-E
Nominal AC Supply Voltage	230 VAC (tested +10%—15%)		
Power Output	19.5-30VDC	19.5-30VDC	19.5-30VDC
Load	0.5 Amps	0.5 Amps	2 Amps
Dimensions (H x W x D)	225 x 351 x 110	226 x 286 x 113	352 x 455 x 182
Weight	3 kg (without batteries) 14 kg (with max batteries)	2.5 kg (without batteries) 8 kg (with max batteries)	7 kg (without batteries) 35 kg (with max batteries)
Temperature	-5° to 40°C ambient		
Humidity	95% RH non-condensing		
IP Rating	IP 30		
Batteries (not supplied by Xtralis)	2 x 12V, 7Ahr 2 x 12V, 12 Ahr 4 x 12V, 7 Ahr	2 x 12V, 7Ahr	2 x 12V, 24 Ahr 2 x 12V, 38 Ahr
Recommended Battery Range	Yuasa NP		
Indications	Output OK: green LED Fault: yellow LED Internal only	Output OK: green LED Fault: yellow LED External only	Output OK: green LED Fault: yellow LED External only
Fault Relay	Change-over NO-COM-NC 1A @ 50 VDC		
Fuse Rating	Battery: 3.15A fast AC supply - 1A HRC (both 20mm)		Battery: 5A fast AC supply - 2A HRC (both 20mm) Output: 4x2A
Cable Entries	5 off 20/25mm knockouts Various positions	9 off 20/25mm knockouts Various positions	7 off 20/25mm knockouts Various positions
Color / Finish	Light grey RAL 9018 texture powdercoat		
Mounting	4 x 5mm holes on 270 x 180 centres	4 x 5mm holes on 220 x 180 centres	4 x 5mm holes on 360 x 280 centres
Part Number	VPS-220-E	VPS-215-E	VPS-250-E

Ordering Information

VPS-215-E	Xtralis 0.5A 7AH PSU - Style E
VPS-220-E	Xtralis 0.5A 14AH PSU - Style E
VPS-250-E	Xtralis 2A 38AH PSU - Style E

Note: Batteries are NOT included

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