

Series 5 PSUs Replace Series 3

November 2020

Overview

New harmonised standards applicable under Low Voltage Directive (LVD) shall be in force with effect from DEC 2020. The new standard (EN 62368-1) focuses on hazards present in the equipment and how safeguards are used to minimise the risk of injury to users.

In order to comply to this new LVD standard, Xtralis is introducing a new series of Power Supply Units (PSU), which are CE marked and Vds approved to EN 54-4 to replace the existing Style E and U power supplies. The new Series 5 PSUs provide Xtralis customers continuity of supply and are specifically designed to complement the style and appearance of VESDA and VESDA-E aspirating smoke detectors.

The new PSUs are identified as “Series 5” and offer the following enhancements:

- An internal LED so that the cause of any fault can be identified with a flash indication
- Mains connections within the unit are covered such that low-voltage authorised technicians are permitted to open the cover and inspect the batteries
- Mains failure can be simulated without having to physically disconnect the mains enabling a low-voltage authorised technician to inspect the battery voltages while powering the load

The series 5 PSUs replace the current Style-E and U power supplies effective immediately and are now available for ordering with a lead time up to 3 weeks.

Series 3 PSU	Alternative	Description
VPS-215-E	VPS-215-E5	0.5AMP 7AH PSU - StyleE5
VPS-220-E	VPS-220-E5	0.5AMP 14AH PSU - StyleE5
VPS-250-E	VPS-250-E5	3AMP 38AH PSU - StyleE5
VPS-220-STX	VPS-220-STX5	0.5A 7-14AH PSU – STX5 Black
VPS-250-STX	VPS-250-STX5	3A 12-24AH PSU – STX5 Black
VPS-220-STX-SLV	VPS-220-STX5-SLV	0.5A 7-14AH PSU – STX5 Silver
VPS-250-STX-SLV	VPS-250-STX5-SLV	3A 12-24AH PSU – STX5 Silver
VPS-215-U (Configured for 230Vac)	VPS-215-E5	0.5AMP 7AH PSU - StyleE5
VPS-220-U (Configured for 230Vac)	VPS-220-E5	0.5AMP 14AH PSU - StyleE5
VPS-215-U (Configured for 110Vac)	VPS-100US-120	Power Supply Single Zone with Housing UL
VPS-220-U (Configured for 110Vac)	VPS-300US-120	Power Supply Multi Zone with Housing UL

The last time buy orders on Series 3 Style E and U PSUs must be placed by 31st DEC 2020. Order fulfilment is subjected to stock availability at time of order.

Learn More

To learn more about the Xtralis Power Supply units, download the technical datasheet here:

https://xtralis.com/product_subcategory/4/VESDA-E-and-VESDA-Accessories.