

EU DECLARATION OF CONFORMITY



Product: VCCR300 (DC/DC Switch Mode Power Supply – Component)

We, Vox Power Ltd at Unit 2, Red Cow Interchange Estate, Ballymount, Dublin 22, D22Y8H2, Ireland declare under our sole responsibility that the Vox Power products as detailed below comply with the provisions of the following European Directives, and are eligible to bear the CE mark accordingly:

Model/Type Reference: VCCR300-aa-bbb

Where:

- aa denotes the nominal output voltage and may be blank or any value from 12 to 48
- bbb may be blank or alphanumeric characters for marketing or factory use only

Input: 33.6 - 160 Vdc, 10A
Output: 300W

VCCR300 series are identical except for model designation and output ratings. The maximum power of all series is 300W.

DC Output ratings:

- VCCR300-12: 12V nom., 25A, 300W
- VCCR300-24: 24V nom., 12.5A, 300W
- VCCR300-36: 36V nom., 8.33A, 300W
- VCCR300-48: 48V nom., 6.25A, 300W

EU Directive:

- 2014/30/EU (EMC Directive)
- 2011/65/EU (RoHS Directive) as amended by 2015/863
- 2014/35/EU (Low Voltage Directive)

The VCCR300 output voltage can be adjusted from 90% to 125% of V_{nom} for all models and current ratings must be calculated to ensure the maximum output power of 300W is not exceeded e.g. VCCR300-24 with an output voltage of 28.5Vdc, the current rating is 10.52A, keeping 300W output power.

Assurance of conformance of the described product with the provisions of the stated EU Directive is given through compliance to the following standards:

- Safety Standards
- IEC 62368-1:2020
 - EN 62368-1:2020

This power supply is intended for use within equipment or enclosures which restricts access to authorized personnel only.

Note: The EMC performance of a component power supply will be affected by the final installation, compliance to the stated EMC standards and conformance to the EMC Directive must be confirmed after installation by the final equipment manufacturer.

UK DECLARATION OF CONFORMITY



Product: VCCR300 (DC/DC Switch Mode Power Supply – Component)

We, Vox Power Ltd at Unit 2, Red Cow Interchange Estate, Ballymount, Dublin 22, D22Y8H2, Ireland declare under our sole responsibility that the Vox Power products as detailed below comply with the provisions of the following applicable statutory requirements, and are eligible to bear the UKCA mark accordingly:

Model/Type Reference: VCCR300-aa-bbb

Where:

- aa denotes the nominal output voltage and may be blank or any value from 12 to 48
- bbb may be blank or alphanumeric characters for marketing or factory use only

Input: 33.6 - 160 Vdc, 10A
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- Regulation
- Electromagnetic Compatibility Regulations 2016
 - The restriction of the use of certain hazardous substances in electrical and electronic equipment Regulation 2012
 - The Electrical Equipment (Safety) Regulations 2016

Assurance of conformance of the described product with the provisions of the stated EU Directive is given through compliance to the following standards:

- Safety Standards
- IEC 62368-1:2020
 - EN 62368-1:2020

This power supply is intended for use within equipment or enclosures which restricts access to authorized personnel only. Our representative in the UK is RK Quality Solutions Ltd located at Eastergate, West Down, Ilfracombe, Devon, EX348NH.

Note: The EMC performance of a component power supply will be affected by the final installation, compliance to the stated EMC standards and conformance to the EMC Regulation must be confirmed after installation by the final equipment manufacturer.

Name: Marco Prinsloo
Position: Managing Director
Date: 18 July 2023
Place: Dublin, Ireland

Signature:

