



America

# CERTIFICATE

No. U8V 16 06 21433 483

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover MA 01810  
USA

**Production Facility(ies):** 67768

**Certification Mark:**



**Product:** Information Technology Equipment  
AC-DC Converter

**Model(s):** VI-ARM and FARM Series  
(see attachment for additional model numbers and ratings)

**Parameters:**

Rated Input Voltage:	115/230 V AC
Rated Frequency:	50-800 Hz
Rated Input Current:	20 A max.
Rated Output Voltage:	300 V DC
Rated Output Power:	1500 W Max
Protection Class:	I

**Tested according to:** CAN/CSA C22.2 No.60950-1:2007/A1:2011  
UL 60950-1:2007/R:2011-12  
EN 60950-1:2006/A2:2013

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

**Test report no.:** 72117055-000

**Date,** 2016-06-15

Page 1 of 3



Attachment to Certificate U8V 16 06 21433 483

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**VI-ARM and FARM series  
Model Matrix**

Vin = 115 / 230 Vac (90-132/180-264), 50-800Hz (47-880), 20A Max  
Vout = 300 Vdc (180-375)

**VI-ARMw-xyzz-aa**

**VI-ARM = Vicor - Autoranging Rectifier Module, constant**

**w = B (Optional, non-safety related)**

**x = Product Grade**

C = -20 to +100°C      H = -40 to +100°C      E = -10 to +100°C  
T = -40 to +100°C      M = -55 to +100°C

**y = Product Type (Output Power Level)**

1 = 500 W / 750 W      2 = 750 W / 1500 W

**zz = Pin Style, RoHS and Baseplate Designator**

(any alphanumeric combination, non-safety related)

**aa = Customer Special Designator**

(any alphanumeric combination, non-safety related)

**FARMwxyz-aa**

**FARM = Filter Autoranging Rectifier Module, constant**

**w = Product Type (Output Power Level)**

1 = 500 W / 750 W      3 = 500 W / 600 W  
2 = 750 W / 1000 W

**x = Product Grade**

C = -20 to +100°C      H = -40 to +100°C      E = -10 to +100°C  
T = -40 to +100°C      M = -55 to +100°C

**yz = Pin Style, RoHS and Baseplate Designator**

(any alphanumeric combination, non-safety related)

**aa = Customer Special Designator**

(any alphanumeric combination, non-safety related)

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### License Conditions:

1. The baseplate temperature of all VI-ARM and FARM modules is limited to 100°C.
2. FARMs may require an external resistor to comply with the Capacitor Discharge test.
3. The FARM1, FARM3, and VI-ARMw-x1 require an external 10A Fuse.
4. The FARM2 and VI-ARMw-x2 require an external 15A fuse.
5. Customer Specific application. The VI-ARMw-x2 has been evaluated for use at 1000 W with a 20A input fuse when restricted to 115V applications (90-132).
6. 10A Fuse = Bussmann ABC-10 or a 10A Wickmann 194 / Littelfuse 216 Series.
7. 15A Fuse = Bussmann ABC-15, 20A Fuse = Bussmann ABC-20 (Condition 5 only)
8. The FARM is designed for building-in. Operation above 63 Hz may result in high touch current to be evaluated in end use product.

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U8V 16 06 21433 483

Page 3 of 3

