



America

# CERTIFICATE

No. U8V 16 09 21433 492

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover MA 01810  
USA

**Production Facility(ies):**

67768, 16555

**Certification Mark:**



C US

**Product:**

Power supplies  
AC-DC / DC-DC Power Supply

**Model(s):**

PC2-11-10175  
PFC Micro and PFC Micro-S Series  
(see attachment for additional model information and license conditions)

**Parameters:**

Rated Input Voltage:	115-230 V AC or 120-300V DC
Rated Frequency:	47-500 Hz
Rated Input Current:	7.5 A
Rated Output Voltage:	0-95 V DC
Rated Output Power:	800 W Max.
Protection Class:	I
Degree of Protection:	IPX0

**Tested according to:**

CAN/CSA C22.2 No.60950-1:2007/A2:2014  
UL 60950-1:2007/A2:2014  
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 17067. 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.:** 72119234-000

**Date,** 2016-09-26

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## Attachment to Certificate U8V 16 09 21433 492

Vicor Corporation  
25 Frontage Road  
Andover, MA 01801



**PFC Micro and PFC Micro S series**  
**Model Number matrix: Pxa-bc-dddd-e-ff**

**P** = PFC, Constant

Item 0. <b>Series Type</b>	<u>Input Voltage</u>	<u>Max Output Power</u>
x = S for Micro S	115 Vac	500 W
	230 Vac or 300 Vdc	600 W
x = C for Micro	115 Vac	500 W
	230 Vac or 300 Vdc	800 W

**Item 1. Number of Outputs**

a = Total number of outputs, 1 to 6 for PC or 1 to 3 for PS, rated 0-95 Vdc each

**Item 2. Module Configuration**

b = Total number of VI-200 and/or VI-J00 Series DC-DC Converters

c = Total number of FasTrak Maxi, Mini, Micro Series DC-DC Converters

**Item 3. Factory assigned Code (Optional, non-safety related)**

dddd = any alphanumeric combination or null

**Item 4. Configuration Revision (Optional)**

e = any alphanumeric combination, e = G for RoHs compliant

**Item 5. Micro Description (Optional)**

ff = any alphanumeric combination, ff = MI for MIL COTS or MC for Mil COTS coated

**License Conditions:**

1. The PFC Micro and PFC Micro S are designed for building-in and must be installed in accordance with the manufacturer's instructions
2. The maximum baseplate temperature of the VI-200 Modules is 85 °C
3. The maximum baseplate temperature of the VI-J00 and FasTrak Maxi, Mini, Micro Modules is 100 °C
4. Single or series output voltages below 60 Vdc meet the requirements of SELV
5. Single or series output voltages greater than 60 Vdc are non-SELV
6. Exception to conditions 4 & 5, VI-J00 outputs are limited to less than 40 Vdc to be considered SELV.
7. Touch currents above 63 Hz to be evaluated in end product
8. Outputs greater than 240 VA should be considered hazardous energy.
9. Evaluated with an external fuse, Bussmann ABC-8, Bussman ABC-10 or a 10A Littelfuse 505 series
10. The PFC Micro and PFC MicroS were evaluated over their entire operating range, see output power

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