



America

# CERTIFICATE

No. U8V 16 03 21433 477

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover MA 01810  
USA

**Production Facility(ies):**

16555, 67768

**Certification Mark:**



**Product:**

Power supplies  
AC-DC/DC-DC Power Supply

**Model(s):**

MX1-743463-G (PFC MegaPAC Series)  
(See certificate attachment for additional model,  
rating and license conditions. )

**Parameters:**

Rated Input Voltage:	115-230 V AC or 300 V DC
Rated Frequency:	47-500 HZ or DC
Rated Input Current:	15 A Max.
Rated Output Voltage:	1-95 V DC
Rated Output Power:	2400 W Max.
Protection Class:	I
Degree of Protection:	IPX0

**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.:** 72110813-000

**Date,** 2016-03-18

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## Attachment to Certificate U8V 16 03 21433 477

Vicor Corporation  
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America

**PFC MegaPAC****Model Matrix: Mpaa-zbbccccc-v-xx (Mp may be replaced by IMp)**

- Item 0. **M = MegaPAC, constant**  
Universal Input 85-264Vac, 47-500Hz, or 100-380Vdc
- Item 1. **Module Configurations**  
p = P for standard chassis, populated with Vicor DC-DC Modules, VI-200, VI-J00 series.  
p = X for high power chassis, populated with any combination of Vicor DC-DC Modules, VI-J00, VI-200, or Maxi, Mini, Micro sized FasTrak series.
- Item 2. **Number of Outputs**  
aa = any number 0 – 16
- Item 3. **MegaPAC Type**  
z = 7 for PFC MegaPAC
- Item 4. **Number of Modules**  
bb = any number 0 – 16
- Item 5. **Factory assigned Code** (Optional, non-safety related)  
ccccc = any alphanumeric combination of up to 6 characters
- Item 6. **MegaPAC configuration Revision** (Optional, non-safety related)  
v = any alphanumeric combination  
(note: v = G for RoHS)
- Item 7. **MegaPAC chassis description** (Optional, non-safety related)  
xx = any alphanumeric combination  
(note: xx = EL for Extended Length)  
(note: xx = LL for Low Leakage)  
(note: xx = MI for Mil COTs)

**Example:****MX1-743463-G**

M = Constant, MegaPAC series  
X = X, unit populated with Vicor DC-DC Modules  
1 = single output configuration  
7 = PFC  
4 = Number of Vicor modules  
3463 = factory assigned code (non-safety related)  
G = RoHS compliant

Test Report No: 72110813-000

Date, 2016-03-18  
U8V 16 03 21433 477



## Attachment to Certificate U8V 16 03 83561 xxx

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## License Conditions:

1. The PFC MegaPAC is designed for building-in and must be installed in accordance with the manufacturer's instructions.
2. The maximum baseplate temperature of the VI-200 and BatMod Modules is 85 °C.
3. The maximum baseplate temperature of the VI-J00 and FasTrack Modules is 100 °C.
4. Series or single output voltages less than 60 Vdc meet the requirements of SELV.
5. Series or single output voltages above 60 Vdc are non-SELV and should be considered Hazardous secondary.
6. Exception to conditions 4 & 5, VI-J00 outputs are limited to less than 40 Vdc to be considered SELV.
7. Outputs greater than 240 VA should be considered hazardous energy.
8. An external fuse, Bussmann ABC-15 or Littelfuse 505 series rated 15A was used during fault testing.

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