



America

CERTIFICATE

No. U8V 17 06 21433 534

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):

MP4-54501-EL
MegaPAC Series 3 Phase and 4kW
(see certificate attachment for model nomenclature, ratings and License Conditions)

Parameters:

Rated Input Voltage:	200-240 V AC or 208/230 V AC 3 phase or 300 V DC
Rated Frequency:	47-500 HZ, DC
Rated Input Current:	20 A Max. per phase
Rated Output Voltage:	0-95 V DC
Rated Output Power:	4000 W Max

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 any way. 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.: 72128644-000

Date, 2017-06-26

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Attachment to Certificate Number U8V 17 06 21433 534

Vicor Corporation
25 Frontage Road
Andover, MA 01810 USA



MegaPAC 3 Phase and 4kW model matrix: Mpaa-zbbccccc-dd-v-xx

M = Constant, MegaPAC series

Module Configuration

p = P when configured with any combination of VI-200 or VI-J00 converters
p = X when configured with any combination of VI-200, VI-J00, and FasTrak converters

Number of outputs

aa = any number 0-20

MegaPAC Chassis Type (3Ø 208/240 Vac 1Ø 180-264 Vac 20A 47-500Hz or 300 VDC 20A)

z = 4 for 4kW output power: 3Ø input = 4000W, 1Ø = 1500W
z = 5 for 3 PH output power: 3Ø input = 2000W, 1Ø = 1200W

Number of Modules

bb = any number 0 – 20

Factory assigned Code (Optional, non-safety related)

ccccc = any alphanumeric combination

Module slot identification Code (Optional, non-safety related)

dd = any alphanumeric combination

MegaPAC configuration Revision (Optional, non-safety related)

v = any alphanumeric character
(note: v = G for RoHs)

MegaPAC chassis description (Optional, non-safety related)

xx = any alphanumeric combination
(note: xx = LL for Low Leakage, xx = MI for MIL COTs)

License Conditions:

1. The MegaPAC 3Phase and 4kW 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 and BatMod converters is 85°C
3. The maximum baseplate temperature of the VI-J00 and FasTrak converters is 100°C
4. Series or single output voltages less than 60Vdc meet the requirements of SELV.
5. Series or single output voltages above 60Vdc are non-SELV and should be considered hazardous secondary
6. Exception to condition 4, VI-J00 single or series outputs are limited to less than 40Vdc to be considered SELV
7. Outputs greater than 240 VA should be considered hazardous energy
8. An external fuse, EATON (Bussmann) ABC-20, rated 250V / 20A was used during fault testing

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