



America

CERTIFICATE

No. U8V 17 02 21433 510

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover MA 01810
USA

Production Facility(ies):

67768

Certification Mark:



C US

Product:

Power supply
AC to DC and DC to DC Power Supplies

Model(s):

VI-HAM, VI-BAM, VI-HAMD, VI-BAMD
(see attachment for nomenclature breakdown
and License Conditions)

Parameters:

Rated Input Voltage:	85-264 V AC or 120-373 V DC
Rated Frequency:	47-63 Hz
Rated Input Current:	8 A
Rated Output Power:	675 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 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.: 72116685-000

Date, 2017-02-23

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Attachment to Certificate U8V 17 02 21433 510

Vicor Corporation
 25 Frontage Road
 Andover, MA 01810



VI-HAM model number matrix: VI-aAMb-de-xx
 Example: VI-HAM-CL

VI = Product Type

- VI = Standard
- VE = RoHS Compliant
- MI = MIL-COTS

a = Module Type

- H = Drive Module (master)
- B = Boost Module (slave)

b = Input Ratings

- D = 120-373 Vdc, 8 A
- Blank = 85-264 Vac, 47-63 Hz, 8 A Max

d = Product Grade

- C = Commercial -20°C to 85°C
- I = Industrial -40°C to 85°C
- M = MIL COTS -55°C to 85°C
- E = Economy 0°C to 85°C

e = Output Ratings

- M = 600 W, 250-400 Vdc
- L = 675 W, 275-425 Vdc

xx = Customer Options (non-safety related)

xx = any alphanumeric combination or blanks

Conditions of Acceptability:

1. The VI-HAM family of products is designed for building-in.
2. The characters 'de' may be replaced by 00-99 for customer specials.
3. The maximum baseplate temperature is 85°C and should be measured in end use application.
4. Each module requires a 10A fuse, Littelfuse 216 Series or a UL Listed fuse.
5. An SOC type HT 6.3 A fuse is acceptable for reduced power applications.
6. The VI-HAM family of products is non-isolating.
7. Basic Insulation is provided between Input/Output and Baseplate.
8. The output power of the 'M' version is derated linearly 8 W/V from 600 Wout at 110 Vin to 400 Wout at 85 Vin.
9. The output power of the 'L' version is derated linearly 11 W/V from 675 Wout at 110 Vin to 450 Wout at 85 Vin.

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