



America

CERTIFICATE

No. U8V 16 12 21433 500

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover MA 01810
USA

Production Facility(ies): 67768

Certification Mark:



Product: Power supply
AC-DC / DC-DC Power Supply

Model(s): FL4-04-2333-G
FlatPAC-EN Series
(see attachment for additional model and rating information)

Parameters:

Rated Input Voltage:	115-230 V AC or 300 V DC
Rated Frequency:	47-63 Hz
Rated Input Current:	9 A/5.0 A or 3A
Rated Output Voltage:	1-95 V DC
Rated Output Power:	500 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.

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Date, 2016-12-23

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Attachment to Certificate U8V 16 12 21433 500

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FlatPAC-EN Model Matrix: FLa-bc-ddddddd-ee-xx

FL = Constant, FlatPAC-EN series (defines Input ratings)	
115/230Vac, 9A/5A Max, 47-63 Hz 300Vdc 3.0A	
a =	Total number of outputs 1 to 4
b =	Number of VI-200 / VI-J00 series dc-dc modules
c =	Number of Maxi, Mini, Micro series dc-dc modules
dddddd =	Factory assigned code, any alphanumeric combination. (optional, non-safety related)
ee =	Configuration Revision, any alphanumeric combination. (optional, non-safety related)
G	RoHS compliant
2	FasTrak dc-dc converters
xx =	Customer special description, any alphanumeric combination. (optional, non-safety related) non-inclusive list
LL	Low leakage
MI	MIL-COTs (rugged chassis)

License Conditions:

1. The FlatPAC-EN is designed for building-in and must be installed in accordance with the manufacturer's instructions, see Design Guide and Datasheet
2. Max operating case temperature: Do not exceed an operating case temperature of 90°C, see de-rating curves in Design Guide for safe operation.
 - The maximum case temperature is 75°C for full size VI-200 modules.
 - The maximum case temperature is 90°C for VI-J00, Maxi, Mini, Micro modules
3. Maxi, Mini, Micro and VI-200 output voltages below 60Vdc and VI-J00 output voltages below 40Vdc are considered SELV
4. Output voltages above 60Vdc for Maxi, Mini, Micro and VI-200 or above 40Vdc for VI-J00 modules are non-SELV
5. Touch currents above 60 Hz to be evaluated in end product
6. Fusing Requirements: The FlatPAC-EN does not have internal fusing. To meet safety requirements a protective fuse must be used in the input power line rated 10A max

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