



America

CERTIFICATE

No. U8V 16 08 21433 487

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover MA 01810
USA

Production Facility(ies):

67768, 16555

Certification Mark:



C US

Product:

Switching power supply unit
AC-DC / DC-DC Power Supply

Model(s):

(PFC Mini Series)
PMw-xyq-z-r-v
(see attachment for additional model information,
and license conditions.)

Parameters:

Rated Input Voltage:	115-230 V AC or 300 V DC
Rated Frequency:	47-500 Hz
Rated Input Current:	10 A or 10 A max
Rated Output Voltage:	0-95 V DC
Rated Output Power:	1500 W Max.
Protection Class:	I

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.: 72118903-000

Date, 2016-08-31

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Attachment to Certificate U8V 16 08 21433 487

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Andover, MA. 01810, USA



PFC Mini Series:

Model Matrix: PMw-xyq-zzzz-r-v

- PM = Constant, defines PFC Mini series 115-230Vac (85-264) 47-500Hz, 300Vdc
- w = Total number of outputs, maximum of 6, each output can be rated 0-95 Vdc
- x = Total number of VI-200 and/or VI-J00 Series DC/DC Converters
- y = Total number of 2nd Gen Series DC-DC Converters and/or discrete regulated outputs
- q = Optional, standard part designator, non-safety related, any alphanumeric character
- zzzz = Factory assigned code, non-safety related, can be any alphanumeric combination
- r = Optional, denotes revision to original configuration if applicable, any alphanumeric
Note: 2 = FasTrak, G = RoHS

- v = Optional, denotes special model configurations if applicable
 - v = EL for extended length chassis, no change to rated output power
 - v = LNF for Low Noise Fan (reduced CFM). Output power de-rated for LNF models
 - v = QF for Quiet Fan (reduced CFM). Output power de-rated for QF models
 - v = LL for low leakage models
 - v = LLEL for low leakage models with extended length chassis
 - v = MI for Mil COTS

Output Power: Model PMw-xyq-zzzz-r-v

<u>Input Voltage</u>	<u>Max Output Power</u>
115 Vac	875 W (All configurations)
230 Vac or 300 Vdc	1200 W ("H" Fans, special configuration)
230 Vac or 300 Vdc	1500 W ("B" Fans, standard configuration)

Sample Model Number: PM3-03-576-1

- w = 3 Qty of outputs configured
- x = 0 Not installed VI-200 or VI-J converters
- y = 3 Qty of 2nd Gen or discrete regulated outputs
- q = Optional, not used
- zzzz = 576, factory assigned code
- r = 1 The original configuration has been revised
- v = Optional, no special configuration

License Conditions:

1. The PFC Mini 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 Modules is 85°C
3. The maximum baseplate temperature of the VI-J00 and Maxi, Mini, Micro, Viiiisxyzzzw Modules is 100°C
4. Output Voltages below 60 Vdc meet the requirements of SELV
5. Output voltages above 60 Vdc are non-SELV
6. Touch currents above 63 Hz to be evaluated in end product

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