



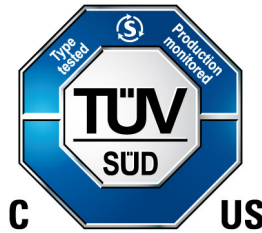
America

CERTIFICATE

No. U10 021433 0679 Rev. 00

Holder of Certificate: **Vicor Corporation**
25 Frontage Road
Andover MA 01810
USA

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
AC-DC Component Power Supply

Tested according to: CSA C22.2 No. 62368-1:2019/U1:2021-10
UL 62368-1:2019/R:2021-10

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. The certificate holder shall not transfer this certificate to third parties. 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". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 72197110-000

Date, 2024-03-11

(William J. Stinson)



America

CERTIFICATE

No. U10 021433 0679 Rev. 00

Model(s): **VI-ARM and FARM series**
 VI-ARMw-xyzz-aa and FARM-wxyz-aa
 (see page 2-3 for model nomenclature)

Brand Name(s): **VICOR**

Parameters:

Rated Input Voltage:	115/230 VAC
Rated Frequency:	50-800 Hz
Rated Input Current:	20 A max
Rated Output Power:	1500W max (ARM) 1000W max (FARM)
Protection Class:	I
Degree of Protection:	IPX0

VI-ARM and FARM series

Vin = 115 / 230 Vac (90-132/180-264), 47-63Hz (47-880), 20A Max
 Vout = 300 Vdc (180-375)

License conditions:

Special considerations – the following items are considerations that were used when evaluating these products.

The VI-ARM and FARM series of AC-DC converters are designed for building-in.

1. The baseplate temperature of all VI-ARM and FARM modules is limited to 100°C.
2. FARMs may require an external resistor to comply with the Capacitor Discharge test.
3. The FARM1, FARM3, and VI-ARMw-x1 require an external 10A Fuse.
4. The FARM2 and VI-ARMw-x2 require an external 15A fuse.
5. Customer Specific application. The VI-ARMw-x2 has been evaluated for use at 1000 W with a 20A input fuse when restricted to 115V applications (90-132).
6. 10A Fuse = EATON/Bussmann ABC-10 or a 10A Wickmann 194 / Littelfuse 216 Series.
7. 15A Fuse = EATON/Bussmann ABC-15, 20A Fuse = EATON/Bussmann ABC-20 (Condition 5 only)
8. Operation above 63 Hz may result in high touch current to be evaluated in end use product.



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Model Nomenclature:

VI-ARMw-xyzz-aa	
VI-ARM	Constant, Vicor Autoranging Rectifier Module
w =	B (Optional, non-safety related)
x =	Product Grade
	C = -20 to +100°C T = -40 to +100°C H = -40 to +100°C M = -55 to +100°C E = -10 to +100°C
y =	Product Type (Output Power Level)
	1 = 500 W / 750 W 2 = 750 W / 1500 W
zz =	Pin Style, RoHS and Baseplate Designator (any alphanumeric combination, non-safety related)
aa =	Customer Special Designator (any alphanumeric combination, non-safety related)

FARMwxyz-aa	
FARM =	Filter Autoranging Rectifier Module, constant
w =	Product Type (Output Power Level)
	1 = 500 W / 750 W 2 = 750 W / 1000 W 3 = 500 W / 600 W
x =	Product Grade
	C = -20 to +100°C T = -40 to +100°C H = -40 to +100°C M = -55 to +100°C E = -10 to +100°C
yz =	Pin Style, RoHS and Baseplate Designator (any alphanumeric combination, non-safety related)
aa =	Customer Special Designator (any alphanumeric combination, non-safety related)