



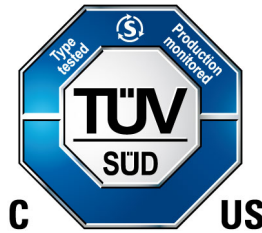
America

CERTIFICATE

No. U8V 021433 0621 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 Power Supply

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. 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.: 72166840-000

Date, 2021-03-08

(William J. Stinson)



America

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No. U8V 021433 0621 Rev. 00

Model(s): VI-abccc-deee-ff-xx
Type: FlatPAC Series

Brand Name: VICOR

Tested according to: CSA C22.2 No. 62368-1:2019
 UL 62368-1:2019
 EN 62368-1:2014/A11:2017

Parameters:

Rated Input Voltage:	100-120/200-240 V AC
Rated Frequency:	47-440 Hz
Rated Input Current:	13.5 / 8.0 A max
Rated Output Voltage:	2-95 V DC
Rated Output Power:	600 W max
Protection Class:	I
Degree of Protection:	IPX0

License Conditions:

1. The FlatPAC series component power supplies equipment are intended for building-in.
2. The Maximum operating case temperature in the end application is 85°C.
3. Maximum output power is 600 W. See design guide for derating information.
4. Outputs from 2 to 60 Vdc meet the requirements for ES1. Outputs greater than 60 Vdc are considered ES2
5. The electrical and fire enclosures are provided by the end product.
6. All FlatPAC configurations operated at input frequencies higher than 63 Hz may have high leakage currents.
7. FlatPAC configurations with 3 modules may have high leakage currents during 50/60 Hz operation.
8. The FlatPAC has a wide range nominal input rated 100-120Vac / 200-240Vac . The FlatPAC was evaluated over a full mains supply tolerance of 90-132 Vac / 180-264Vac.



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FlatPAC

Model Number Matrix: VI-abccc-deee-ff-xx

VI = Product Type

VI = (Vicor), VI = VE (Vicor RoHS), VI = IP (VJCL), VI = IE (VJCL RoHS), MI = MIL-COTS

a = Module Configuration

L = 1 module, 1 output
M = Up to 2 modules, 1 output
N = Up to 3 modules, 1 output
P = Up to 2 modules, 2 outputs
Q = Up to 3 modules, 2 outputs
R = Up to 3 modules, 3 outputs

Input Current (Max)

5.0 / 2.5 A
9.5 / 6.0 A
13.5 / 8.0 A
9.5 / 6.0 A
13.5 / 8.0 A
13.5 / 8.0 A

b = Input Type

F = Strappable
A = Autoranging
U = Universal

ccc = Output Voltage (Vdc) Nominal

Z = 2.0	2 = 15.0
Y = 3.3	N = 18.5
0 = 5.0	3 = 24.0
X = 5.2	L = 28.0
W = 5.5	J = 36.0
V = 5.8	K = 40.0
T = 6.5	4 = 48.0
R = 7.5	H = 52.0
M = 10.0	F = 72.0
1 = 12.0	D = 85.0
P = 13.8	B = 95.0

d = Product Grade

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

Input Voltage

100-120 / 200-240 V, 47-63 Hz
100-120 / 200-240 V, 47-440 Hz
100-120 / 200-240 V, 47-440 Hz
100-120 / 200-240 V, 47-63 Hz

eee = Output Power

Vout ≥ 5 V	Vout < 5 V
M = 600 W	120 A
P = 450 W	90 A
Q = 400 W	80 A
S = 300 W	60 A
U = 200 W	40 A
V = 150 W	30 A
W = 100 W	20 A
X = 75 W	15 A
Y = 50 W	10 A
Z = 25 W	5 A

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ff = Customer Options (optional, non-safety related)

BC = BatMOD / Conduction Cooled
BM = BatMOD
CC = Conduction Cooled
LL = Low Leakage

xx = Specials (optional, non-safety related)

00-99 = denotes unique customer model

Example: VE-MUH-EQ-CC-10

M = Up to 2 modules, 1 output, U = Universal, H = 52Vdc, E = Economy Grade
Q = Output1 @ 400W, CC = conduction cooled, 10 = customer special label