



America

# CERTIFICATE

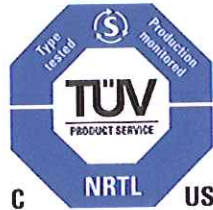
No. U8V 10 11 21433 260

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover, MA 01810  
USA

**Production Facility(ies):** 16555, 67768

**Certification Mark:**



**Product:** DC converter  
DC-DC Converter

**Model(s):** VI-aCbccc-deee-fff (ComPAC Series)  
(See attachment for model differences and license conditions.)

**Parameters:**

Rated Input Voltage:	24, 48 or 300 V DC
Rated Input Current:	31.2 A Max.
Rated Output Voltage:	2 to 95 V DC
Rated Output Power:	600 W Max.
Protection Class:	I
Degree of Protection:	IPX0

**Tested according to:** CAN/CSA-C22.2 No. 60950-1:2007  
UL 60950-1: 2007  
EN 60950-1/A11:2009

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles that described by ISO/IEC Guide 67, Conformity assessment - Fundamentals of product certification, System 3. See also notes overleaf.

**Test report no.:** 090-501808-000

**Date,** 2010-11-17

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Attachment to Certificate U8V 10 11 21433 260



America

Vicor Corporation  
 25 Frontage Road  
 Andover, MA 01810

**VI - aCbccc - deee - fff**

**ComPAC Family Tree**

**VI PRODUCT TYPE**

VI = VI (Vicor), VI = VE (Vicor RoHs), VI = IP (VJCL), VI = IE (VJCL RoHs), MI = Military

**a Module Configurations**

- L = 1UP Single (1module, 1 output)
- M = 2UP Single (2 modules, 1 output)
- N = 3UP Single (3 modules, 1 output)
- P = 2UP Dual (2 modules, 2 outputs)
- Q = 3UP Dual (3 modules, 2 outputs)
- R = 3UP Triple (3 modules, 3 outputs)

**b Input Voltage (Vdc)**

	Nominal	Range	Max (A)
1 = 24	21-32	@	26.7
W = 24	18-36	@	31.2
3 = 48	42-60	@	18.0
N = 48	36-76	@	15.6
6 = 300	200-400	@	3.9

**d Product Grade**

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

**eee Output Power**

- M = 600W
- P = 450W
- Q = 400W
- S = 300W
- U = 200W
- V = 150W
- W = 100W
- X = 75W
- Y = 50W
- 1 = 12.0
- B = 95.0

**ccc Output voltage (Vdc) Nominal**

Z = 2.0	2 = 15.0
Y = 3.3	N = 18.5
O = 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
D = 85.0	P = 13.8

Test Report No: 090-501801-000

Date, 2010-11-17  
 U8V 10 11 21433 260



## Attachment to Certificate U8V 10 11 21433 260

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**ComPAC Family Tree (cont.)**  
**VI-aCbccc-dee-fff**

**fff**      **Factory assigned code**  
Non-safety related, any alphanumeric combination or blanks, 0-3 characters

**Example**

VI-PC601-CUX-23

P = 2Up (2 modules, 2 outputs), 6 = 300 V Input, 0 = 5V output, 1 = 12Vdc output

C= Commercial product Grade, U = 200W output, X = 75W output, 23 = Customer Code

**License Conditions:**

1. The separation between input and output of the fitting-power supply fulfill the requirement of reinforced insulation according to the mentioned regulations.
2. The wiring specification given by the data sheet of the manufacturer must be met on installation.

Test Report No: 090-501801-000

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