

# Certificate

No: U8V 03 07 21433 072



Vicor Corporation

25 Frontage Road  
Andover, MA 01810  
USA

with production facility(ies)  
21433 16555

is authorized to label the following products with the

**Certification Mark "BC"**

See our Download Center at [www.TUVamerica.com/tuvmark](http://www.TUVamerica.com/tuvmark) for the specific artwork.

**Product:** Netzgeräte (auch Schaltnetzteile)  
Switching Power Supply

**Model:** VI-FaE6-bcX-xx (Front End Series)  
(See attachment 1 for model differences and license conditions).

**Parameters:**

Rated Input Voltage:	100-120/200-240 V AC
Rated Frequency:	47-440 Hz
Rated Input Current:	5.2/3 A, 10/6 A, 15/8.5 A max
Rated Output Voltage:	300 V DC
Rated Output Power:	250 W, 500 W, 750 W
Protection Class:	I

For additional informaion and details see attachment 1.

Product also tested under report number D220792901.

The product meets the relevant **Canadian, United States and/or European (CUE)** safety requirements and was tested according to the following standard(s), see report no.: DI303361-101

CSA-C22.2 No. 60950-00  
UL 60950 3rd Edition 2000  
EN 60950:2000

Released with the above certificate number by TÜV PRODUCT SERVICE,  
the Product Certification Body of TÜV AMERICA INC.

R - (B 98 12 21433 042)

Department: ELSUSD/GM

Date: July 18, 2003



Attachment 1 to Bauart Certificate Number U8V 03 07 21433 072

Company: Vicor Corporation  
25 Frontage Road  
Andover, MA 01810 USA

**VI-FaE6-bcX-xx (Front End Series)**

Item 1 = a      Item 4 = X  
Item 2 = b      Item 5\* = bcx  
Item 3 = c

**VI may be replaced by IP**

Item 1.      **Product Configuration**  
P = PC Mount  
K = Chassis Mount

Item 2.      **Product Grade**

C = Commercial	<b>Input Frequency</b> 47 - 63 Hz
I = Industrial	47 - 440 Hz
M = Military	47 - 440 Hz
E = Economy	47 - 63 Hz

Item 3.      **Output Power      Input Voltage      Input Current (Max )      Output Voltage**

U = 250 W	100-120/200-240 V	5.2 / 3 A	300 V DC
Q = 500 W	100-120/200-240 V	10 / 6 A	300 V DC
M = 750 W	100-120/200-240 V	15 / 8.5 A	300 V DC

Item 4.      **Specials (Optional)**  
00-99 = Non-safety related component changes

Item 5\*.      **Optional**  
Suffix CUX may be substituted by 0-999, when Non-safety component changes.  
When selected Item 3 & 4 are not used.

**Example**

**VI-FPE6-CMX-01**

P = PC Mount, C=Commercial, Front End  
M= Output: 750 W, 01=Customer Label

**Note:**

1. Maximum 176° F (80°C) on the mounting panel, cooled with a cooling block or fan.
2. Designed for installation in computers and office machines of Protection Class I where the interior is protected against pollution.
3. For installation of the approved product, which has to be performed according to the appropriate instructions, all requirements have to be observed according to the above mentioned determination(s).

*Handwritten signature and date:*  
7-21-03

