



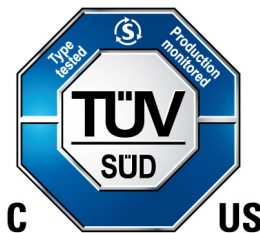
America

# CERTIFICATE

No. U10 021433 0672 Rev. 01

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

**Certification Mark:**



**Product:** Audio/Video, Information and Communication technology equipment  
 DC-DC Converter

**Tested according to:** CSA C22.2 No. 62368-1:2019  
 UL 62368-1:2019

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.:** 72192409-100

**Date,** 2024-01-30

( William J. Stinson )



America

# CERTIFICATE

No. U10 021433 0672 Rev. 01

**Model(s):** **DCM3717 Series**  
 DCM3717S60x13yyTNz  
 x = D or E  
 yy = G5 or K0  
 z = any alphanumeric character

**Brand Name(s):** **VICOR**

**Parameters:**

Rated Input Voltage:	54 VDC (40-60)
Rated Output Voltage:	12.2 VDC (10.0-12.5)
Rated Output Current:	61.5A Max (yy = G5) or 82A Max (yy = K0)
Rated Output Power:	750W Max (yy = G5) or 1000W Max (yy = K0)
Degree of Protection:	IPX0

**License Conditions:**

1. See thermal de-rating curves for maximum output current vs. case temperature
2. The Input is intended to be ES1
3. The external +INV node may be considered ES2, Vpk may exceed ES1 limits during single fault/abnormal conditions
4. The Output voltage can be considered ES1
5. The DCM3717 shall be mounted on a PCB rated V-1 minimum in end use
6. The DCM3717 was evaluated with a Littelfuse SMD 456 series fuse rated 125V / 30A



America

# CERTIFICATE

No. U10 021433 0672 Rev. 01

Model: DCM3717S60x13yyTNz

Example: DCM3717S60E13G5TN1, DCM3717S60D13K0TN1

Product Type, Constant	
DCM	DC-DC Converter Module

Package Size (mm), Constant	
3717	37 x 17

Package Type, Constant	
S	Surface Mount

Nominal Input Voltage (Range)	
60x (where x = D or E)	54Vdc (40 – 60)

Nominal Output Voltage (Trim Range), Constant	
13	12.2Vdc (10 – 12.5)

yy = Output Power / Current (Max)	
G5	750W / 61.5A
K0	1000W / 82A

Temperature Range (Max Case Temperature), Constant	
T	-40 to 100°C
See license conditions, de-rating curves ensure maximum internal temperatures do not exceed 125°C based on external Case temperature	

Isolation Type, Constant	
N	Non-isolated

z = Functionality (any alpha-numeric, non-safety related)	
1	Standard model



Product Service

# CERTIFICATE

No. B 021433 0673 Rev. 01

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

**Certification Mark:**



**Product:** Audio/Video, Information and Communication technology equipment  
DC-DC Converter

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 72192409-100

**Valid until:** 2029-01-23

**Date,** 2024-01-30

( William J. Stinson )

# CERTIFICATE

No. B 021433 0673 Rev. 01

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x = D or E  
yy = G5 or K0  
z = any alphanumeric character

**Brand Name:** **VICOR**

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Rated Output Voltage:	12.2 VDC (10.0-12.5)
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Rated Output Power:	750W Max (yy = G5) or 1000W Max (yy = K0)
Degree of Protection:	IPX0

**License Conditions:**

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2. The Input is intended to be ES1
3. The external +INV node may be considered ES2, Vpk may exceed ES1 limits during single fault/abnormal conditions
4. The Output voltage can be considered ES1
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# CERTIFICATE

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DCM	DC-DC Converter Module

Package Size (mm), Constant	
3717	37 x 17

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S	Surface Mount

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K0	1000W / 82A

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1	Standard model

Tested according to: EN IEC 62368-1:2020/A11:2020