



Ref. Certif. No.

DE 3 - 52622M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

DC converter
DC-DC Converter

Name and address of the applicant

Nom et adresse du demandeur

Vicor Corporation
25 Frontage Road
Andover, MA 01810, USA

Name and address of the manufacturer

Nom et adresse du fabricant

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

Name and address of the factory

Nom et adresse de l'usine

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

Rating and principal characteristics

Valeurs nominales et caractéristiques principales

Rated Input Voltage: 150 V DC
Rated Input Power; 75 W
Rated Output Voltage: 24 V DC
Rated Output Power: 50 W

Trade mark (if any)

Marque de fabrique (si elle existe)

VICOR

Model/type Ref.

Ref. de type

VI-J53-CY
For further models please see attachment.

Additional information (if necessary)

Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with

Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1:2001

as shown in the Test Report Ref. No.

which form part of this certificate

comme indiqué dans le Rapport d'essais numéro
de référence qui constitue une partie de ce
certificat

TÜV Product Service
090-402766-100

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date,

2005-11-03

CB 05 10 21433 104

Erich Thurner



Product Service

TÜV Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

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

VI-Jbc-de-xx
VI-J00 (MiniMOD) DC-DC Series

VI Product Type

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

d Product Grade

C = Commercial -20C to 100C
I = Industrial -40C to 100C
M = Military -55C to 100C
E = Economy 0C to 100C

e Output Power /Current

Vout ≥ 5V Vout < 5V
W = 100W 20A
X = 75W 15A
Y = 50W 10A
Z = 25W 5A

b Input Voltage (Vdc)

Nominal	Range
0 = 12	10-20
1 = 24	21-32
W = 24	18-36
2 = 36	21-56
3 = 48	42-60
N = 48	36-76
4 = 72	55-100
T = 100	66-100
F = 165	130-260
5 = 150	100-200
6 = 300	200-400
7 = 225	100-375

c Output Voltage (Vdc)

Nominal	Max(A)	Max(W)	Nominal	Max(A)	Max(W)
Z = 2.0 @	20A	40W	2 = 15.0 @	6.6A	100W
Y = 3.3 @	20A	66W	N = 18.5 @	5.4A	100W
0 = 5.0 @	20A	100W	3 = 24.0 @	4.2A	100W
X = 5.2 @	19.2A	100W	L = 28.0 @	3.6A	100W
W = 5.5 @	18.2A	100W	J = 36.0 @	2.7A	100W
V = 5.8 @	17.2A	100W	K = 40.0 @	2.5A	100W
T = 6.5 @	15.4A	100W	4 = 48.0 @	2.1A	100W
R = 7.5 @	13.3A	100W	H = 52.0 @	1.9A	100W
M = 10.0 @	10A	100W	F = 72.0 @	1.4A	100W
1 = 12.0 @	8.3A	100W	D = 85.0 @	1.2A	100W
P = 13.8 @	7.2A	100W	B = 95.0 @	1.1A	100W

xx Specials / Options

F1-F4 = FinMOD (Heatsink)
S = SlimMOD (Flangeless Package)
B1 = BusMOD (screw / lug wiring interface)
00-99 = Customer special, unique label or testing, non-safety related changes, **d** and **e** are optional

CB 05 10 21433 104
2005-11-03

Erich Thurner



Product Service

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

VI-aJbccc-deee-xx
MegaMod Jr. DC-DC Series

VI Product Type

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

a Product Configuration

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

b Input Voltage (Vdc)

Nominal	Range
0 = 12	10-20
1 = 24	21-32
W = 24	18-36
2 = 36	21-56
3 = 48	42-60
N = 48	36-76
4 = 72	55-100
T = 100	66-100
F = 165	130-260
5 = 150	100-200
6 = 300	200-400
7 = 225	100-375

d Product Grade

C = Commercial -20C to 100C
 I = Industrial -40C to 100C
 M = Military -55C to 100C
 E = Economy 0C to 100C

eee Output Power /Current

Vout ≥ 5V	Vout < 5V
W = 100W	20A
X = 75W	15A
Y = 50W	10A
Z = 25W	5A

ccc Output Voltage (Vdc)

Nominal	Max(A)	Max(W)	Nominal	Max(A)	Max(W)
Z = 2.0 @	20A	40W	2 = 15.0 @	6.6A	100W
Y = 3.3 @	20A	66W	N = 18.5 @	5.4A	100W
0 = 5.0 @	20A	100W	3 = 24.0 @	4.2A	100W
X = 5.2 @	19.2A	100W	L = 28.0 @	3.6A	100W
W = 5.5 @	18.2A	100W	J = 36.0 @	2.7A	100W
V = 5.8 @	17.2A	100W	K = 40.0 @	2.5A	100W
T = 6.5 @	15.4A	100W	4 = 48.0 @	2.1A	100W
R = 7.5 @	13.3A	100W	H = 52.0 @	1.9A	100W
M = 10.0 @	10A	100W	F = 72.0 @	1.4A	100W
1 = 12.0 @	8.3A	100W	D = 85.0 @	1.2A	100W
P = 13.8 @	7.2A	100W	B = 95.0 @	1.1A	100W

xx Specials / Options

00-99 = Customer special, unique label or testing, non-safety related changes, **d** and **e** are optional

CB 05 10 21433 104
 2005-11-03

Erich Thurner



Product Service