

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

Product
Produit

DC/DC-Converter for building in

Name and address of the applicant
Nom et adresse du demandeur

Vicor Corporation
25 Frontage Road, ANDOVER MA 01810
UNITED STATES OF AMERICA

Name and address of the manufacturer
Nom et adresse du fabricant

Vicor Corporation
25 Frontage Road, ANDOVER MA 01810
UNITED STATES OF AMERICA

Name and address of the factory
Nom et adresse de l'usine

Vicor Corporation
400 Federal Street, ANDOVER MA 01810
UNITED STATES OF AMERICA

Note: When more than one factory, please report on page 2
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

see appendix 2 and 3 (Modeldesignation)

Trademark (if any)
Marque de fabrique (si elle existe)

VICOR

Model / Type Ref.
Ref. De type

VI-abc-de-xx, VI-abccdd-efff-xx
see model matrix

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2^{ème} page)

class I, WMT

Additional Information on page 2

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

PUBLICATION

EDITION

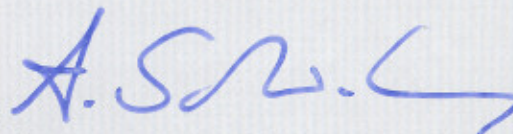
IEC 60950-1(ed.1)

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

1623700-3336-0001/76332

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.
VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification



Date: 2006-07-26

Signature: A. Schwalm

VI-abc-de-xx
VI-200 DC-DC Series

VI Product Type

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

a Module Type

2 = Drive Module (master)
b = Booster Module (slave)

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)
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)

Z = 2.0 40A 80W
Y = 3.3 @ 40A 132W
0 = 5.0 @ 40A 200W
X = 5.2 @ 38.5A 200W
W = 5.5 @ 36.4A 200W
V = 5.8 @ 34.5A 200W
T = 6.5 @ 30.8A 200W
R = 7.5 @ 26.6A 200W
M = 10.0 @ 20A 200W
1 = 12.0 @ 16.7A 200W
P = 13.8 @ 14.5A 200W
2 = 15.0 @ 13.3A 200W
N = 18.5 @ 10.8A 200W
3 = 24.0 @ 8.3A 200W
L = 28.0 @ 7.1A 200W
J = 36.0 @ 5.6A 200W
K = 40.0 @ 5A 200W
4 = 48.0 @ 4.2A 200W
H = 52.0 @ 3.8A 200W
F = 72.0 @ 2.8A 200W
D = 85.0 @ 2.4A 200W
B = 95.0 @ 2.1A 200W

d Product Grade

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

e Output Power /Current

Vout ≥ 5V	Vout < 5V
U = 200W	40A
V = 150W	30A
W = 100W	20A
X = 75W	15A
Y = 50W	10A
Z = 25W	5A

xx Options/Specials

F1-F4 = FinMOD (Heatsink)
TM = TachoMOD (Non-safety related secondary component changes)
BM = (Battery Module)
S = SlimMOD (Flangeless Package)
B1 = BusMOD (screw / lug wiring interface)
V = Vicor Hybrid (Non-safety related changes), may be followed by -xx denoting 0-99
00-99 = Customer special, unique label or testing, non-safety related changes, **d** and **e** are optional for specials

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

VI-abccc-deee-xx
Mega/Master DC-DC Series

VI Product Type

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

- a Product Configuration (maybe followed by "B" = Booster)**
 L = 1 module, 1 output M = Up to 2 modules, 1 output
 P = Up to 2 modules, 2 outputs N = Up to 3 modules, 1 output
 R = Up to 3 modules, 3 outputs Q = Up to 3 modules, 2 outputs

b Input Voltage (Vdc)

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

c Output Voltage (Vdc)

Nominal	Max(A)	Max(W)	Nominal	Max(A)	Max(W)
Z = 2.0 @	40A	80W	2 = 15.0 @	13.3A	200W
Y = 3.3 @	40A	132W	N = 18.5 @	10.8A	200W
0 = 5.0 @	40A	200W	3 = 24.0 @	8.3A	200W
X = 5.2 @	38.5A	200W	L = 28.0 @	7.1A	200W
W = 5.5 @	36.4A	200W	J = 36.0 @	5.6A	200W
V = 5.8 @	34.5A	200W	K = 40.0 @	5A	200W
T = 6.5 @	30.8A	200W	4 = 48.0 @	4.2A	200W
R = 7.5 @	26.6A	200W	H = 52.0 @	3.8A	200W
M = 10.0 @	20A	200W	F = 72.0 @	2.8A	200W
I = 12.0 @	16.7A	200W	D = 85.0 @	2.4A	200W
P = 13.8 @	14.5A	200W	B = 95.0 @	2.1A	200W

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 /Current

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

- xx Options/Specials**
 00-99 = Customer special, unique label or testing, non-safety related changes, **d** and **e** are optional for specials