



Ref. Certif. No.

DE 3 - 502877

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	Converter DC-DC Configurable Power Supply
Name and address of the applicant	Vicor Corporation 25 Frontage Road Andover MA 01810, USA
Name and address of the manufacturer	Vicor Corporation 25 Frontage Road, Andover MA 01810, USA
Name and address of the factory	Vicor Inc. 400 Federal Street, Andover MA 01810, USA
Ratings and principal characteristics	Rated Input Voltage: 24, 48 or 300 V DC Rated Input Current: 31.21 A max Rated Output Voltage: 2 to 95 V DC Rated Output Power: 600 W max Protection Class: I Degree of Protection: IPX0
Trade mark (if any)	VICOR
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model/type Ref.	ComPAC Series Model matrix: VI-aCbccc-deee-ff (see certificate attachment for model number matrix, ratings and License Conditions)
Additional information (if necessary)	
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005 IEC 60950-1:2005/AMD1:2009 IEC 60950-1:2005/AMD2:2013
as shown in the Test Report Ref. No. which forms part of this certificate	72134707-000

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, 2018-04-06
CB 18 04 21433 567

William Stinson



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

Product Service

Attachment to Certificate CB 18 04 21433 567

ComPAC

Model Number Matrix: VI - aCbccc - deee - ff

VI = Product Type

VI = (Vicor)

VE = (Vicor RoHS)

MI = MIL-COTS

a = Module Configuration

L	1 module, 1 output (1-Up)
M	Up to 2 modules, 1 output (2-Up)
N	Up to 3 modules, 1 output (3-Up)
P	Up to 2 modules, 2 outputs (2-Up)
Q	Up to 3 modules, 2 outputs (3-Up)
R	Up to 3 modules, 3 outputs (3-Up)

b = Input voltage nominal (range) / Max current

1	24Vdc (21-32)	26.7A
2	28Vdc (18-50)	20.8A
W	24Vdc (18-36)	31.2A
3	48Vdc (42-60)	18.0A
N	48Vdc (36-76)	20.8A
6	300Vdc (200-400)	3.9A

C = Constant, ComPAC series

ccc Output Voltage

Designator	Output VDC	Designator	Output VDC
Z	2.0	2	15.0
Y	3.3	N	18.5
0	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
1	12.0	D	85.0
P	13.8	B	95.0

d Product Grade

E = Economy	-10°C to 85°C
C = Commercial	-25°C to 85°C
I = Industrial	-40°C to 85°C
M = MILCOTS	-55°C to 85°C

eee Output Power

M =	600W	V =	150W
P =	450W	W =	100W
Q =	400W	X =	75W
S =	300W	Y =	50W
U =	200W	Z =	25W

Vin (nom)	Total Output Power (max)		
	1-Up	2-Up	3-Up
24V	150W	300W	450W
48V	200W	400W	600W
300V	200W	400W	600W

ff = Customer Options (optional, non-safety related) non-inclusive list below

BM = BatMOD

CC = Conduction Cooled

H1 = Extended heatsink

00-99 = denotes unique customer model

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Example: VI-PC601-CUX-23

VI = Vicor

P = 2Up (2 modules, 2 outputs)

C = ComPAC

6 = 300Vdc Input

0 = 5V output 1

1 = 12V output 2

C= Commercial product grade

U = 200W output 1 (5V)

X = 75W output 2 (12V)

23 = Customer Code

License Conditions:

1. The ComPAC series component power supplies equipment are intended for building-in.
2. The Maximum operating case temperature in the end application is 85°C.
3. Maximum output power is 1-Up = 200W, 2-Up = 400W, 3-Up = 600 W.
See design guide for de-rating information.
4. Outputs greater than 240 VA are considered to be a hazardous energy level.
5. Outputs from 2 to 60 Vdc meet the requirements for SELV.
Outputs greater than 60 Vdc are considered non-SELV
6. The electrical and fire enclosures are provided by the end product.

7. Recommended Fusing

Nominal Input Voltage	Fuse Rating		
	1-Up	2-Up	3-Up
	200W I, C series	400W MC, PC series	600W NC, OC, RC series
24 V	10 A/32 V	20 A/32 V	30 A/32 V
24 V (wide)	12 A/32 V	20 A/32 V	30 A/32 V
28 V (MILCOTS)	10 A/250 V	20 A/250 V	30 A/125 V
48 V	8 A/60 V	15 A/60 V	25 A/60 V
48 V (wide)	6 A/100 V	15 A/100 V	25 A/100 V
270 V (MILCOTS)	2 A/250 V	4 A/250 V	8 A/420 V
300 V	2 A/250 V	4 A/250 V	8 A/420 V

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