

Certificate

No: U8V 03 05 21433 069



Vicor Corporation

25 Frontage Road
Andover, MA 01810
USA

with production facility(ies)
21433

is authorized to label the following products with the

Certification Mark "BC"

See our Download Center at www.TUVamerica.com/tuvmark for the specific artwork.

Product: Configurable Power Supply (AC-DC and DC-DC)

Model: Va-bcccccd (VIPAC and VIPAC Array)
See attachment 1 for nomenclature breakdown and ratings.

Parameters:

Rated Input Voltage:	115/230 V AC or 0-48 V DC or 0-375 V DC
Rated Frequency:	47-63 Hz
Rated Input Current:	14.8 A or 20 A or 28 A max.

For additional information and details see attachment 1.

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.: 090-107996-000

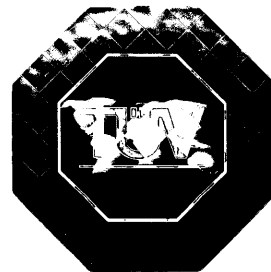
CSA-C22.2 No. 60950-00
UL 60950 3rd Edition 2000
EN 60950:2000

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

R - (U8V 03 05 21433 068)

Department: ELSUSD/GM

Date: May 28, 2003



TÜV Product Service

www.TUVamerica.com

Attachment 1 to CUE Certificate Number U8V 03 05 21433 069

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

NOMENCLATURE BREAKDOWN AND ELECTRICAL RATINGS:

VIPAC and VIPAC Array Model Va-bcccccd

a = P for AC-DC VIPAC
Rated Input Voltage: 115/230 Vac
Rated Input Current: 14.8 A Max

a = C for DC-DC VIPAC
Rated Input Voltage: 0-48 Vdc
Rated Input Current: 20 A Max

a = A for DC-DC VIPAC Array
Rated Input Voltage: 0-375 Vdc
Rated Input Current: 28 A Max

b = Output Configuration A, B, C, D, E, F, G or H. See attached configurations.

c = 0-9 represents a sequential user defined number

d = 0-9 represents an error check (numeric)

Example: AC-DC VIPAC (a = P)

VP-A1234567 Input: 115/230 Vac
A= Triple Output, 450Wmax
Output #1 V48C24C150A (24Vdc/150W);
Output #2 V48C15C150A (15Vdc/150W);
Output #3 V48C28C150A (28Vdc/150W)










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Single and Dual Output VIPAC Configurations (// = parallel operation)

VIPAC Configuration		Output Voltage Selection								
		2V	3.3V	5V	12V	15V	24V	28V	48V	Total
Micro Maximum Output Power (W)*										
 VP-G	# Outputs									
	Single	50	75	100	150	150	150	150	150	150
 VP-D	Single //	100	150	200	300	300	300	300	300	300
	Dual	50	75	100	150	150	150	150	150	300
	Dual //	50	75	100	150	150	150	150	150	300
 VP-A	Dual //	100	150	200	300	300	300	300	300	450
	Triple	50	75	100	150	150	150	150	150	450
	Triple	50	75	100	150	150	150	150	150	450
	Triple	50	75	100	150	150	150	150	150	450
Mini Maximum Output Power (W)*										
 VP-E	Single	100	150	200	250	250	250	250	250	250
	Single //	200	300	400	500	500	500	500	500	500
 VP-B	Dual	100	150	200	250	250	250	250	250	500
	Dual	100	150	200	250	250	250	250	250	500
Maxi Maximum Output Power (W)*										
 VP-F	Single	160	264	400	500	500	500	500	500	500
	Single //	320	528	800	900	900	900	900	900	900
 VP-C	Dual	160	264	400	500	500	500	500	500	900
	Dual	160	264	400	500	500	500	500	500	900

*Model numbers and total output power capability are application specific.
See VIPAC configuration tool at: vicorpower.com/vcad

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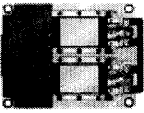
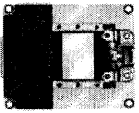
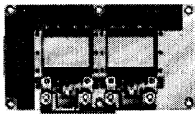
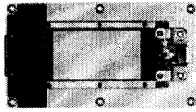


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Single Output VIPAC Array Configurations

Single Output Configurations

	Configuration Type	Vin	Output Voltage/Output Power						
			2V	3.3V	5V	12V	24V	28V	48V
 VA-H	<i>Dual Micro</i>	24	100	150	200	200	200	200	200
		48	100	150	200	300	300	300	300
		300	100	150	200	300	300	300	300
		375	100	150	200	300	300	300	300
 VA-G	<i>Single Mini</i>	24	100	132	200	200	200	200	200
		48	100	150	200	250	250	250	250
		300	100	150	200	250	250	250	250
		375	100	150	200	300	300	300	300
 VA-A	<i>Dual Mini</i>	24	200	264	400	400	400	400	400
		48	200	300	400	500	500	500	500
		300	200	300	400	500	500	500	500
		375	200	300	400	600	600	600	600
 VA-D	<i>Maxi</i>	24	160	264	400	400	400	400	400
		48	160	264	400	500	500	500	500
		300	160	264	400	500	500	500	500
		375	160	264	400	600	600	600	600

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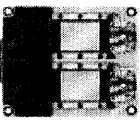


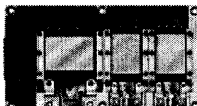




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Dual Output VIPAC Array Configurations

Dual Output Configurations

Configuration Type	Vin	Output Voltage/Output Power								
		2V	3.3V	5V	12V	24V	28V	48V		
 VA-H	Output #1 Micro	24	50	75	100	100	100	100	100	
		48	50	75	100	150	150	150	150	
		300	50	75	100	150	150	150	150	
	Output #2 Micro	24	50	75	100	100	100	100	100	
		48	50	75	100	150	150	150	150	
		300	50	75	100	150	150	150	150	
	 VA-A	Output #1 Mini	24	100	132	200	200	200	200	200
			48	100	150	200	250	250	250	250
			300	100	150	200	250	250	250	250
		Output #2 Mini	24	100	132	200	200	200	200	200
			48	100	150	200	250	250	250	250
			300	100	150	200	250	250	250	250
 VA-C		Output #1 Micro	24	50	75	100	100	100	100	100
			48	50	75	100	150	150	150	150
			300	50	75	100	150	150	150	150
		Output #2 Dual Micro	24	100	150	200	200	200	200	200
			48	100	150	200	250	250	250	250
			300	100	150	200	300	300	300	300
	 VA-B	Output #1 Mini	24	100	132	200	200	200	200	200
			48	100	150	200	250	250	250	250
			300	100	150	200	250	250	250	250
		Output #2 Dual Micro	24	100	150	200	300	300	300	300
			48	100	150	200	300	300	300	300
			300	100	150	200	300	300	300	300
 VA-E		Output #1 Micro	24	50	75	100	100	100	100	100
			48	50	75	100	150	150	150	150
			300	50	75	100	150	150	150	150
		Output #2 Dual Mini	24	200	264	400	400	400	400	400
			48	200	300	400	500	500	500	500
			300	200	300	400	500	500	500	500
	 VA-F	Output #1 Dual Micro	24	100	150	200	200	200	200	200
			48	100	150	200	250	250	250	250
			300	100	150	200	300	300	300	300
		Output #2 Dual Micro	24	100	150	200	300	300	300	300
			48	100	150	200	250	250	250	250
			300	100	150	200	300	300	300	300
Output #2 Dual Micro		24	100	150	200	200	200	200	200	
		48	100	150	200	250	250	250	250	
		300	100	150	200	300	300	300	300	
Output #2 Dual Micro		24	100	150	200	300	300	300	300	
		48	100	150	200	250	250	250	250	
		300	100	150	200	300	300	300	300	
Output #2 Dual Micro	24	100	150	200	200	200	200	200		
	48	100	150	200	250	250	250	250		
	300	100	150	200	300	300	300	300		
Output #2 Dual Micro	24	100	150	200	300	300	300	300		
	48	100	150	200	250	250	250	250		
	300	100	150	200	300	300	300	300		



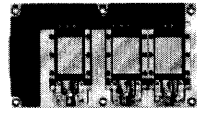
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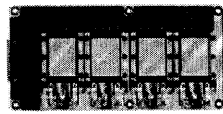
Triple and Quad Output VIPAC Array Configurations

Triple Output Configurations



VAC

Configuration Type	Vin	Output Voltage/Output Power							
		2V	3.3V	5V	12V	24V	28V	48V	
<i>Output #1 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #2 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #3 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #1 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #2 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #3 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	
<i>Output #4 Micro</i>	24	50	75	100	100	100	100	100	
	48	50	75	100	150	150	150	150	
	300	50	75	100	150	150	150	150	
	375	50	75	100	150	150	150	150	



VAF



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License Conditions:

1. Maximum baseplate temperature of the Vicor Modules is 100°C.



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