



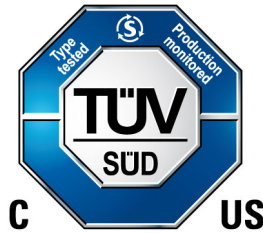
America

CERTIFICATE

No. U8V 021433 0646 Rev. 00

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

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. 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". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 72173082-000

Date, 2021-12-08

(William J. Stinson)



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No. U8V 021433 0646 Rev. 00

Model(s): **Viiisxyzzzw**
Module: Maxi, Mini, Micro

Brand Name: **VICOR**

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

Parameters:	Rated Input Voltage:	425 V DC max
	Rated Input Current:	6.25 A
	Rated Output Voltage:	54 VDC max
	Rated Output Power:	600 W (maxi) 300 W (mini) 150 W (micro)
	Degree of Protection:	IPX0

License Conditions:

Special Considerations – The following items are considerations that were used when evaluating these products.

The Vicor DC-DC Converter Modules Maxi, Mini, Micro Model Viiisxyzzzw are designed for building-in.

Conditions of Acceptability – When installed in the end use equipment, the following are among considerations to be made:

1. **INPUT VOLTAGE:** nameplate rating is a Nominal Input Voltage. Vicor guarantees continuous operation over the entire specified voltage range.
2. **BASEPLATE GROUNDING:** A ground connection from baseplate to earth / chassis ground is required if baseplate is operator accessible.
3. **MAXIMUM BASEPLATE TEMPERATURE:** Keep temperature of baseplate to 100°C or less, measured at the center of the baseplate in the end application.
4. **FUSING REQUIREMENTS:** To meet safety requirements, each module must be fused in series with the + Input lead. See fuse table for information on proper selection of fuse.
5. **OUTPUT VOLTAGE TRIMMING:** The module has a maximum allowable Trim of 110% of rated output voltage. Do not exceed maximum power output of the module. When trimmed down the maximum output current remains constant.
6. The DC-DC modules with output voltages above 60V are considered ES2.
7. The output is separated from the input by reinforced insulation.
8. **SERIES OUTPUT:** Series connection of outputs may not exceed +/- 200 volts. The output is separated by Basic insulation providing a maximum dielectric withstand capability of 2500.



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Viiiisxyzzzw
V24 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V24A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
24 Vdc (18-36)	A = Maxi	---	300	500	500	500	500	500	500	500	500	500	500	500
24 Vdc (18-36)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250
24 Vdc (18-36)	C = Micro	---	100	125	125	150	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)				
B = constant	x = Pin Style		y = Baseplate	z = T
	Blank = Short Solder		Blank = Slotted	T = Thermscreen
	L = Long Solder		2 = Threaded	
	S = Short Modumate		3 = Thru hole	
	N = Long Modumate			
	F = Short RoHS			
	G = Long RoHS			
	K = Extra Long RoHS			

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 250W
 VE-9xxxxxw, Maxi module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 500W



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Viiisxyzzw

V28 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V28A12C200B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
28 Vdc (9-36)	A = Maxi	---	150	200	200	200	200	200	200	200	200	200	200	200
28 Vdc (9-36)	B = Mini	---	50	75	75	75	150	150	150	150	150	150	150	150
28 Vdc (9-36)	C = Micro	---	50	50	60	75	100	100	100	100	100	100	100	100

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)						
B = constant	x = Pin Style		y = Baseplate		z = T	
	Blank = Short Solder		Blank = Slotted		T = Thermscreen	
	L = Long Solder		2 = Threaded			
	S = Short Modumate		3 = Thru hole			
	N = Long Modumate					
	F = Short RoHS					
	G = Long RoHS					
	K = Extra Long RoHS					

Customer Specials: Viiisxyzzw may be replaced by VI-bxxxxw		
VI = non-RoHS		VE = RoHS version
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

- VE-7xxxxw, Micro module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 100W
- VE-8xxxxw, Mini module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 150W
- VE-9xxxxw, Maxi module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 200W



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V48 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V48A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
48 Vdc (36-75)	A = Maxi	-----	264	400	400	500	500	500	500	500	500	500	500	500
48 Vdc (36-75)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
48 Vdc (36-75)	C = Micro	50	75	100	100	150	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

- VE-7xxxxw, Micro module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 150W
- VE-8xxxxw, Mini module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 250W
- VE-9xxxxw, Maxi module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 500W



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Viiiisxyzzzw
V72 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: **V72A12C400B**

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
72 Vdc (43-110)	A = Maxi	---	264	300	300	300	400	400	400	400	400	400	400	400
72 Vdc (43-110)	B = Mini	---	100	150	150	150	250	250	250	250	250	250	250	250
72 Vdc (43-110)	C = Micro	---	75	100	100	100	130	150	150	150	150	150	150	150

y= Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)						
B = constant,	x = Pin Style		y = Baseplate		z = T	
	Blank = Short Solder		Blank = Slotted		T = Thermscreen	
	L = Long Solder		2 = Threaded			
	S = Short Modumate		3 = Thru hole			
	N = Long Modumate					
	F = Short RoHS					
	G = Long RoHS					
	K = Extra Long RoHS					

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 250W

VE-9xxxxxw, Maxi module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 400W



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Viiisxyzzzw
 V110 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V110A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
110 Vdc (66-154)	A = Maxi	---	200	300	300	300	400	400	400	400	400	400	400	400
110 Vdc (66-154)	B = Mini	---	100	150	150	150	200	200	200	200	200	200	200	200
110 Vdc (66-154)	C = Micro	---	50	75	75	75	100	100	100	100	100	100	100	100

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)				
B = constant	x = Pin Style		y = Baseplate	z = T
	Blank = Short Solder		Blank = Slotted	T = Thersmscreen
	L = Long Solder		2 = Threaded	
	S = Short Modumate		3 = Thru hole	
	N = Long Modumate			
	F = Short RoHS			
	G = Long RoHS			
	K = Extra Long RoHS			

Customer Specials: Viiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

- VE-7xxxxxw, Micro module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 100W
- VE-8xxxxxw, Mini module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 200W
- VE-9xxxxxw, Maxi module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 400W



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Viiisxyzzw
V150 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V150A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
150 Vdc (100-200)	A = Maxi	---	264	400	400	400	500	500	500	500	500	500	500	500
150 Vdc (100-200)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250
150 Vdc (100-200)	C = Micro	---	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiisxyzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

- VE-7xxxxxw, Micro module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 150W
- VE-8xxxxxw, Mini module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 250W
- VE-9xxxxxw, Maxi module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 500W



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Viiiisxyzzzw
V300 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V300A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
300 Vdc (180-375)	A = Maxi	160	264	400	400	400	500	500	500	500	500	500	500	500
300 Vdc (180-375)	B = Mini	100	150	200	200	200	250	250	250	250	250	250	250	250
300 Vdc (180-375)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:
VE-7xxxxxw, Micro module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 150W
VE-8xxxxxw, Mini module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 250W
VE-9xxxxxw, Maxi module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 500W



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Viiiisxyzzzw
 V375 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V375A12C600B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
375 Vdc (250-425)	A = Maxi	160	264	400	400	400	600	600	600	600	600	600	600	600
375 Vdc (250-425)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
375 Vdc (250-425)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 300W
 VE-9xxxxxw, Maxi module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 600W



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Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	375	2	160	BUSS PC-Tron 5A	----
Maxi (A)	375	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	375	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	375	12, 15, 24, 28, 32, 36, 48, 54	600	BUSS PC-Tron 5A	----
Mini (B)	375	2	100	BUSS PC-Tron 5A	----
Mini (B)	375	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	375	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	375	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS PC-Tron 5A	----
Micro (C)	375	2	50	BUSS PC-Tron 3A	----
Micro (C)	375	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	375	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	375	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	300	2	160	BUSS PC-Tron 5A	----
Maxi (A)	300	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	300	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	300	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS PC-Tron 5A	----
Mini (B)	300	2	100	BUSS PC-Tron 5A	----
Mini (B)	300	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	300	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	300	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS PC-Tron 5A	----
Micro (C)	300	2	50	BUSS PC-Tron 3A	----
Micro (C)	300	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	300	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	300	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	150	3.3	264	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	5, 6.5	400	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	8, 12, 15, 24, 28, 32, 36, 48,	500	BUSS ABC-8	Littelfuse 505 10A



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		54			
Mini (B)	150	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	150	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	150	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS PC-Tron 5A	----
Micro (C)	150	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	150	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	150	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	110	3.3	200	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	110	5, 6.5, 8	300	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	110	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	110	3.3	100	BUSS PC-Tron 5A	----
Mini (B)	110	5, 6.5, 8	150	BUSS PC-Tron 5A	----
Mini (B)	110	12, 15, 24, 28, 32, 36, 48, 54	200	BUSS PC-Tron 5A	----
Micro (C)	110	3.3	50	BUSS PC-Tron 3A	----
Micro (C)	110	5, 6.5, 8	75	BUSS PC-Tron 3A	----
Micro (C)	110	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS PC-Tron 3A	----



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CERTIFICATE

No. U8V 021433 0646 Rev. 00

Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	72	3.3	264	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	5, 6.5, 8	300	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-12	Littelfuse 505 12A
Mini (B)	72	3.3, 5, 6.5, 8	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	72	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	72	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	72	5, 6.5, 8	100	BUSS PC-Tron 5A	----
Micro (C)	72	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 5A	----
Maxi (A)	48	3.3	264	BUSS ABC-10	Littelfuse 505 10A
Maxi (A)	48	5, 6.5, 8	400	BUSS ABC-15	Littelfuse 505 16A
Maxi (A)	48	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	48	2	100	BUSS PC-Tron 5A	
Mini (B)	48	3.3	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	48	5, 6.5, 8	200	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS ABC-12	Littelfuse 505 12A
Micro (C)	48	2	50	BUSS PC-Tron 5A	----
Micro (C)	48	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	48	5, 6.5	100	BUSS PC-Tron 5A	----
Micro (C)	48	8	100	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	48	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	28	3.3	150	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	5	175	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	200	BUSS ABC-30	Littelfuse 505 30A
Mini (B)	28	3.3, 5, 6.5, 8	75	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	28	12	125	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	28	15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-25	Littelfuse 505 25A
Micro (C)	28	3.3, 5, 6.5, 8	50	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	28	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS ABC-15	Littelfuse 505 16A

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America

CERTIFICATE

No. U8V 021433 0646 Rev. 00

Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	24	3.3	264	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-30	Littelfuse 505 30A
Maxi (A)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	500	BUSS AGC-40	----
Mini (B)	24	3.3	150	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	200	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-20	Littelfuse 505 20A
Micro (C)	24	3.3	100	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	100	BUSS ABC-10	Littelfuse 505 10A
Micro (C)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-12	Littelfuse 505 12A



Product Service

CERTIFICATE

No. B 021433 0647 Rev. 00

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

Test report no.: 72173082-000

Valid until: 2026-11-17

Date, 2021-12-08

(William J. Stinson)



Product Service

CERTIFICATE

No. B 021433 0647 Rev. 00

Model(s): **Viiisxyzzw**
Module: Maxi, Mini, Micro

Brand Name: **VICOR**

Parameters:

Rated Input Voltage:	425 V DC max
Rated Input Current:	6.25 A
Rated Output Voltage:	54 VDC max
Rated Output Power:	600 W (maxi) 300 W (mini) 150 W (micro)
Degree of Protection:	IPX0

License Conditions:

Special Considerations – The following items are considerations that were used when evaluating these products.

The Vicor DC-DC Converter Modules Maxi, Mini, Micro Model Viiisxyzzw are designed for building-in.

Conditions of Acceptability – When installed in the end use equipment, the following are among considerations to be made:

1. **INPUT VOLTAGE:** nameplate rating is a Nominal Input Voltage. Vicor guarantees continuous operation over the entire specified voltage range.
2. **BASEPLATE GROUNDING:** A ground connection from baseplate to earth / chassis ground is required if baseplate is operator accessible.
3. **MAXIMUM BASEPLATE TEMPERATURE:** Keep temperature of baseplate to 100°C or less, measured at the center of the baseplate in the end application.
4. **FUSING REQUIREMENTS:** To meet safety requirements, each module must be fused in series with the + Input lead. See fuse table for information on proper selection of fuse.
5. **OUTPUT VOLTAGE TRIMMING:** The module has a maximum allowable Trim of 110% of rated output voltage. Do not exceed maximum power output of the module. When trimmed down the maximum output current remains constant.
6. The DC-DC modules with output voltages above 60V are considered ES2.
7. The output is separated from the input by reinforced insulation.
8. **SERIES OUTPUT:** Series connection of outputs may not exceed +/- 200 volts. The output is separated by Basic insulation providing a maximum dielectric withstand capability of 2500.

CERTIFICATE

No. B 021433 0647 Rev. 00

Viiisxyzzzw
 V24 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V24A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
24 Vdc (18-36)	A = Maxi	---	300	500	500	500	500	500	500	500	500	500	500	500
24 Vdc (18-36)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250
24 Vdc (18-36)	C = Micro	---	100	125	125	150	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)				
B = constant	x = Pin Style		y = Baseplate	z = T
	Blank = Short Solder		Blank = Slotted	T = Thermscreen
	L = Long Solder		2 = Threaded	
	S = Short Modumate		3 = Thru hole	
	N = Long Modumate			
	F = Short RoHS			
	G = Long RoHS			
K = Extra Long RoHS				

Customer Specials: Viiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:
 VE-7xxxxxw, Micro module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 250W
 VE-9xxxxxw, Maxi module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 500W

CERTIFICATE

No. B 021433 0647 Rev. 00

Viiisxyzzzw

V28 series
Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V28A12C200B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
28 Vdc (9-36)	A = Maxi	---	150	200	200	200	200	200	200	200	200	200	200	200
28 Vdc (9-36)	B = Mini	---	50	75	75	75	150	150	150	150	150	150	150	150
28 Vdc (9-36)	C = Micro	---	50	50	60	75	100	100	100	100	100	100	100	100

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermoscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 100W
 VE-8xxxxxw, Mini module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 150W
 VE-9xxxxxw, Maxi module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 200W

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Viiiisxyzzzw
 V48 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V48A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
48 Vdc (36-75)	A = Maxi	-----	264	400	400	500	500	500	500	500	500	500	500	500
48 Vdc (36-75)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
48 Vdc (36-75)	C = Micro	50	75	100	100	150	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

- VE-7xxxxxw, Micro module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 150W
- VE-8xxxxxw, Mini module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 250W
- VE-9xxxxxw, Maxi module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 500W

CERTIFICATE

No. B 021433 0647 Rev. 00

Viiiisxyzzzw
 V72 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V72A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
72 Vdc (43-110)	A = Maxi	---	264	300	300	300	400	400	400	400	400	400	400	400
72 Vdc (43-110)	B = Mini	---	100	150	150	150	250	250	250	250	250	250	250	250
72 Vdc (43-110)	C = Micro	---	75	100	100	100	130	150	150	150	150	150	150	150

y= Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant,	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 250W
 VE-9xxxxxw, Maxi module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 400W

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Viiiisxyzzzw
 V110 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V110A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
110 Vdc (66-154)	A = Maxi	---	200	300	300	300	400	400	400	400	400	400	400	400
110 Vdc (66-154)	B = Mini	---	100	150	150	150	200	200	200	200	200	200	200	200
110 Vdc (66-154)	C = Micro	---	50	75	75	75	100	100	100	100	100	100	100	100

y= Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)						
B = constant	x = Pin Style		y = Baseplate		z = T	
	Blank = Short Solder		Blank = Slotted		T = Thermscreen	
	L = Long Solder		2 = Threaded			
	S = Short Modumate		3 = Thru hole			
	N = Long Modumate					
	F = Short RoHS					
	G = Long RoHS					
K = Extra Long RoHS						

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:
 VE-7xxxxxw, Micro module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 100W
 VE-8xxxxxw, Mini module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 200W
 VE-9xxxxxw, Maxi module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 400W

CERTIFICATE

No. B 021433 0647 Rev. 00

Viiisxyzzzw

V150 series

Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V150A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
150 Vdc (100-200)	A = Maxi	---	264	400	400	400	500	500	500	500	500	500	500	500
150 Vdc (100-200)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250
150 Vdc (100-200)	C = Micro	---	75	100	100	100	150	150	150	150	150	150	150	150

y= Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)						
B = constant	x = Pin Style		y = Baseplate		z = T	
	Blank = Short Solder		Blank = Slotted		T = Thermscreen	
	L = Long Solder		2 = Threaded			
	S = Short Modumate		3 = Thru hole			
	N = Long Modumate					
	F = Short RoHS					
	G = Long RoHS					
	K = Extra Long RoHS					

Customer Specials: Viiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 250W

VE-9xxxxxw, Maxi module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 500W

CERTIFICATE

No. B 021433 0647 Rev. 00

Viiiisxyzzzw
V300 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V300A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)												
300 Vdc (180-375)	A = Maxi	160	264	400	400	400	500	500	500	500	500	500	500	500
300 Vdc (180-375)	B = Mini	100	150	200	200	200	250	250	250	250	250	250	250	250
300 Vdc (180-375)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermoscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 250W
 VE-9xxxxxw, Maxi module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 500W

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No. B 021433 0647 Rev. 00

Viiiisxyzzzw
 V375 series
 Vicor DC-DC Converters Maxi, Mini, Micro

Sample model number: V375A12C600B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
375 Vdc (250-425)	A = Maxi	160	264	400	400	400	600	600	600	600	600	600	600	600
375 Vdc (250-425)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
375 Vdc (250-425)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y= Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Customer Specials: Viiiisxyzzzw may be replaced by VI-bxxxxxw		
VI = non-RoHS	VE = RoHS version	
b =	Size	7 = Micro, 8 = Mini, 9 = Maxi
xxxxx =	0 - 9	Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)
w =	Functionality	Bxyz

Examples:
 VE-7xxxxxw, Micro module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 150W
 VE-8xxxxxw, Mini module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 300W
 VE-9xxxxxw, Maxi module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 600W



CERTIFICATE

No. B 021433 0647 Rev. 00

Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	375	2	160	BUSS PC-Tron 5A	----
Maxi (A)	375	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	375	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	375	12, 15, 24, 28, 32, 36, 48, 54	600	BUSS PC-Tron 5A	----
Mini (B)	375	2	100	BUSS PC-Tron 5A	----
Mini (B)	375	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	375	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	375	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS PC-Tron 5A	----
Micro (C)	375	2	50	BUSS PC-Tron 3A	----
Micro (C)	375	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	375	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	375	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	300	2	160	BUSS PC-Tron 5A	----
Maxi (A)	300	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	300	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	300	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS PC-Tron 5A	----
Mini (B)	300	2	100	BUSS PC-Tron 5A	----
Mini (B)	300	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	300	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	300	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS PC-Tron 5A	----
Micro (C)	300	2	50	BUSS PC-Tron 3A	----
Micro (C)	300	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	300	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	300	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	150	3.3	264	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	5, 6.5	400	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	8, 12, 15, 24, 28, 32, 36, 48, 54	500	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	150	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	150	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	150	12, 15, 24, 28,	250	BUSS PC-Tron 5A	----

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			32, 36, 48, 54			
Micro (C)	150	3.3	75	BUSS PC-Tron 3A	----	
Micro (C)	150	5, 6.5, 8	100	BUSS PC-Tron 3A	----	
Micro (C)	150	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----	
Maxi (A)	110	3.3	200	BUSS ABC-8		Littelfuse 505 10A
Maxi (A)	110	5, 6.5, 8	300	BUSS ABC-8		Littelfuse 505 10A
Maxi (A)	110	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-8		Littelfuse 505 10A
Mini (B)	110	3.3	100	BUSS PC-Tron 5A	----	
Mini (B)	110	5, 6.5, 8	150	BUSS PC-Tron 5A	----	
Mini (B)	110	12, 15, 24, 28, 32, 36, 48, 54	200	BUSS PC-Tron 5A	----	
Micro (C)	110	3.3	50	BUSS PC-Tron 3A	----	
Micro (C)	110	5, 6.5, 8	75	BUSS PC-Tron 3A	----	
Micro (C)	110	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS PC-Tron 3A	----	



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Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	72	3.3	264	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	5, 6.5, 8	300	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-12	Littelfuse 505 12A
Mini (B)	72	3.3, 5, 6.5, 8	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	72	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	72	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	72	5, 6.5, 8	100	BUSS PC-Tron 5A	----
Micro (C)	72	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 5A	----
Maxi (A)	48	3.3	264	BUSS ABC-10	Littelfuse 505 10A
Maxi (A)	48	5, 6.5, 8	400	BUSS ABC-15	Littelfuse 505 16A
Maxi (A)	48	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	48	2	100	BUSS PC-Tron 5A	
Mini (B)	48	3.3	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	48	5, 6.5, 8	200	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS ABC-12	Littelfuse 505 12A
Micro (C)	48	2	50	BUSS PC-Tron 5A	----
Micro (C)	48	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	48	5, 6.5	100	BUSS PC-Tron 5A	----
Micro (C)	48	8	100	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	48	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	28	3.3	150	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	5	175	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	200	BUSS ABC-30	Littelfuse 505 30A
Mini (B)	28	3.3, 5, 6.5, 8	75	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	28	12	125	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	28	15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-25	Littelfuse 505 25A
Micro (C)	28	3.3, 5, 6.5, 8	50	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	28	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS ABC-15	Littelfuse 505 16A



Product Service

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Vicor DC-DC Converters Maxi, Mini, Micro series external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	24	3.3	264	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-30	Littelfuse 505 30A
Maxi (A)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	500	BUSS AGC-40	-----
Mini (B)	24	3.3	150	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	200	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-20	Littelfuse 505 20A
Micro (C)	24	3.3	100	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	100	BUSS ABC-10	Littelfuse 505 10A
Micro (C)	24	5, 6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-12	Littelfuse 505 12A

Tested according to: EN 62368-1:2014/A11:2017

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