

Maxi, Mini, Micro DC-DC Converters

BRICK

Overview

- Broadest selection of DC-DC modules in the industry
- Input voltages: 9 – 425 Vdc
- Output voltages: 2 – 54 Vdc
- Output power: Maxi (160 – 600 W)
Mini (100 – 300 W)
Micro (50 – 150 W)
- 100°C baseplate operation, no de-rating
- 3,000 Vac isolation
- Agency approvals: cURus, cTUVus, CE Mark



Features

- Robust packaging for harsh environments
- Extended temperature range (-55 to 100°C)
- Single-wire paralleling
- Output voltage adjust 10 – 110%
- Logic enable/disable
- Input undervoltage lockout
- Output overvoltage protection
- Overtemperature shutdown

Maxi – full brick:

4.60" x 2.2" x 0.5"

(117 x 55,9 x 12,7 mm)

Mini – half brick:

2.28" x 2.2" x 0.5"

(57,9 x 55,9 x 12,7 mm)

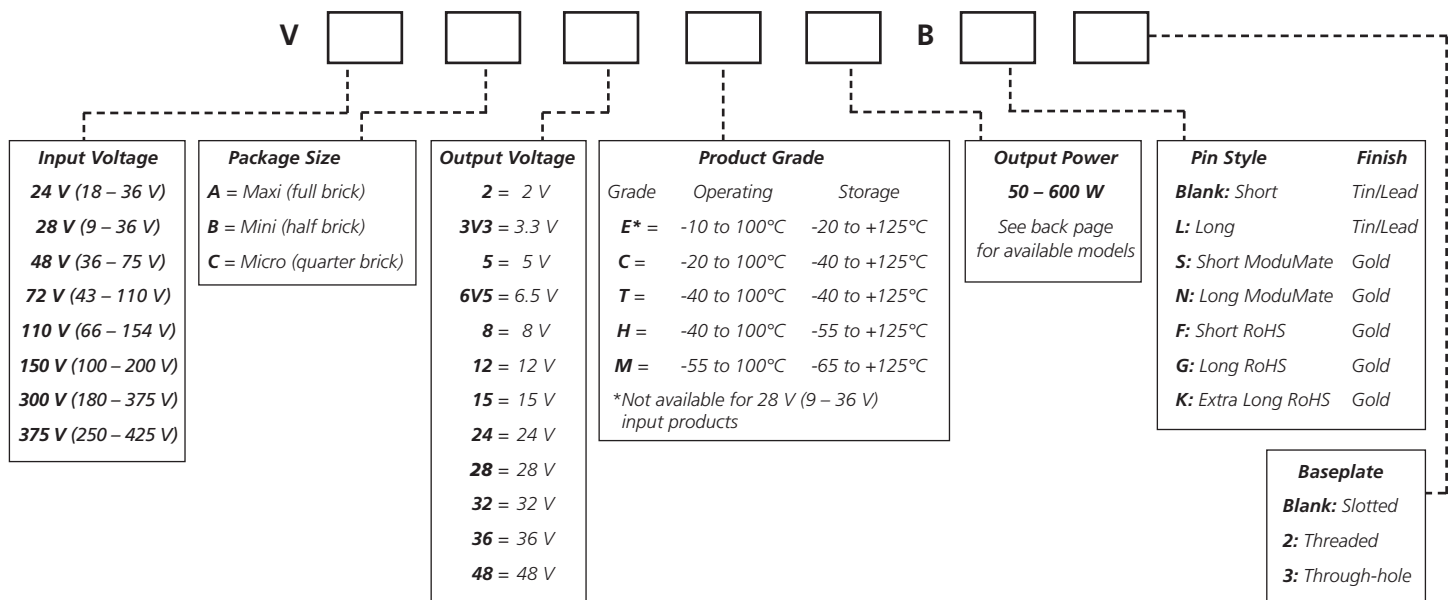
Micro – quarter brick:

2.28" x 1.45" x 0.5"

(57,9 x 36,8 x 12,7 mm)

Part Numbering

e.g. V24A12T400BL2



Product Matrix

To view additional product information including data sheets and other technical documentation, please visit the Maxi, Mini, Micro family page at vicorpower.com.

Input (V)	Output Voltage (V) and Maximum Power (W)										
	2 V	3.3 V	5 V	6.5 V	8 V	12 V	15 V	24 V	28 V	36 V	48 V
24 Vdc (18 – 36)											
Micro family		75	125		100	150	150	150	150	100	150
Mini family		150	200	200	200	250	200	250	250	200	250
Maxi family		264	400	400	300	500	400	500	500	400	400
28 Vdc (9 – 36 V)											
Micro family		50	50			100	100	100	100	100	100
Mini family		75	75			125	150	150	150	150	150
Maxi family		150	175	200	200	200	200	200	200	200	200
48 Vdc (36 – 75 V)											
Micro family	50	75	100		150	150	150	150	150	150	150
Mini family	100	150	200			250	250	250	250	250	300
Maxi family		264	400		400	500	500	500	500	500	500
72 Vdc (43 – 110 V)											
Micro family		75	100		100	150	150	150	150	150	150
Mini family		100	150		150	250	250	250	250	250	250
Maxi family		264	300		300	400	400	400	400	400	400
110 Vdc (66 – 154 V)											
Micro family		50	75		75	100	100	100	100	100	150
Mini family		100	150		150	200	200	200	200	200	200
Maxi family		200	300		300	400	400	400	400	400	400
150 Vdc (100 – 200 V)											
Micro family		75	100		100	150	150	150	150	150	150
Mini family		150	200		200	250	250	250	250	250	250
Maxi family		264	400		400	500	500	500	500	500	500
300 Vdc (180 – 375 V)											
Micro family	50	75	100		100	150	150	150	150	150	150
Mini family	100	150	200		200	250	250	250	250	250	250
Maxi family	160	264	400		400	500	500	500	500	500	500
375 Vdc (250 – 425 V)											
Micro family	50	75	100		100	150	150	150	150	150	150
Mini family	100	150	200		200	300	300	300	300	300	300
Maxi family*	160	264	400		400	600	600	600	600	600	600

Note: All power values are in watts

* The 375 Vdc Maxi module is also available in output voltages of 32 V and 54 V @ 600 W