Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Brick Package
VI-200™, VE-200™, VI-J00™, VE-J00™
DC-DC Converters

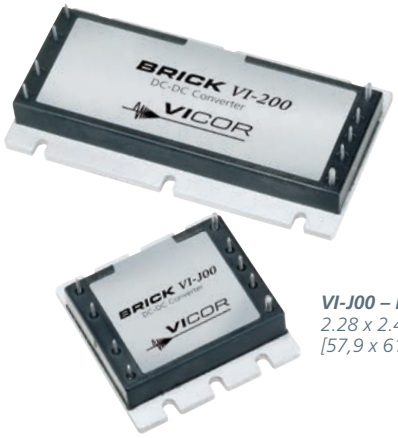
Features & Benefits

- Robust packaging for harsh environments
- Extended temperature range: –55 to 100°C
- Trim range: 50 – 110%
- Logic enable / disable
- Remote sense
- Curent limit
- Low no load power dissipation: 1.35W
- Isolated output

Overview

- Broadest Selection of DC-DC Modules in the Industry
- Input Voltages: 10 – 400V_{DC}
- Output Voltages: 2 – 95V_{DC}
- Output Power: 25 – 200W; 10 – 40A (<5V)
- 3000V_{AC} Isolation
- Baseplate Operating Temperature
  - VI-200, VE-200 (85°C)
  - VI-J00, VE-J00 (100°C)
- Agency Approvals: cURus, cTÜVus, CE Mark

VI-200 – full brick
4.60 x 2.4 x 0.5in
[116,9 x 61,0 x 12,7mm]



VI-J00 – half brick
2.28 x 2.4 x 0.5in
[57,9 x 61,0 x 12,7mm]

Part Numbering

VI – 2 6 1 – C W

Family
- ***VI*** = *Non-RoHS*
- ***VE*** = *RoHS*

Series
- ***2*** = *200*
- ***B*** = *Booster*
- ***J*** = *J00*

Input

0 = *12V*	***N*** = *48V*
V = *24V*	***4*** = *72V*
1 = *24V*	***T*** = *110V*
W = *24V*	***5*** = *150V*
2 = *36V*	***6*** = *300V*
3 = *48V*	***7*** = *150 / 300V*

Output

Z = *2V*	***M*** = *10V*	***K*** = *40V*
Y = *3.3V*	***1*** = *12V*	***4*** = *48V*
0 = *5V*	***P*** = *13.8V*	***H*** = *52V*
X = *5.2V*	***2*** = *15V*	***F*** = *72V*
W = *5.5V*	***N*** = *18.5V*	***D*** = *85V*
V = *5.8V*	***3*** = *24V*	***B*** = *95V*
T = *6.5V*	***L*** = *28V*	
R = *7.5V*	***J*** = *36V*	

Grade*
- ***E*** = *–10 to 85°C / 100°C*
- ***C*** = *–25 to 85°C / 100°C*
- ***I*** = *–40 to 85°C / 100°C*
- ***M*** = *–55 to 85°C / 100°C*
- ***VI-200** (85°C)*
- ***VI-J00** (100°C)*

Power

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

****VI-J00 only***

Maximum Power Available for VI-2xx-xx [a]

Input		Output																						
		V_{OUT} Designators																						
Voltage Nom. (Range)	V_{IN} Designators	2	3.3	5	5.2	5.5	5.8	6.5	7.5	10	12	13.8	15	18.5	24	28	36	40	48	52	72	85	95
		Z	**Y**	**0**	**X**	**W**	**V**	**T**	**R**	**M**	**1**	**P**	**2**	**N**	**3**	**L**	**J**	**K**	**4**	**H**	**F**	**D**	**B**
12 (10 – 20)	**0**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24 (10 – 36)	**V**	--	X	Y	Y	Y	Y	Y	X	X	X	X	X	X	X	X	X	X	X	--	--	--	--
24 (21 – 32)	**1**	U	U	U	U	U	U	V	V	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24 (18 – 36)	**W**	V	V	V	V	V	V	W	W	V	V	V	V	V	V	V	V	V	V	V	V	V	V
36 (21 – 56)	**2**	W	V	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	--	--	--
48 (42 – 60)	**3**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
48 (36 – 76)	**N**	V	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
72 (55 – 100)	**4**	U	U	U	U	U	U	V	V	U	U	U	U	U	U	U	U	U	U	U	U	U	U
110 (66 – 160)	**T**	V	V	V	V	V	V	W	W	V	V	V	V	V	V	V	V	V	V	V	--	--	
150 (100 – 200)	**5**	U	U	V	V	V	V	V	V	U	U	U	U	U	U	U	U	U	U	U	U	U	U
150 (100 – 375)	**7**	W	W	Y	Y	Y	Y	W	W	W	W	W	W	W	W	W	W	W	W	W	--	--	--
300 (200 – 400)	**6**	U	U	U	U	U	U	V	V	U	U	U	U	U	U	U	U	U	U	U	U	U	U

[a] For additional output power, "booster" modules are available. (VI-Bxx-xx)

Maximum Power Available for VI-Jxx-xx

Input		Output																						
		V_{OUT} Designators																						
Voltage Nom. (Range)	V_{IN} Designators	2	3.3	5	5.2	5.5	5.8	6.5	7.5	10	12	13.8	15	18.5	24	28	36	40	48	52	72	85	95
		Z	**Y**	**0**	**X**	**W**	**V**	**T**	**R**	**M**	**1**	**P**	**2**	**N**	**3**	**L**	**J**	**K**	**4**	**H**	**F**	**D**	**B**
12 (10 – 20)	**0**	X	X	Y	Y	Y	Y	Y	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24 (10 – 36)	**V**	--	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	--	--	--	--
24 (21 – 32)	**1**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
24 (18 – 36)	**W**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
36 (21 – 56)	**2**	Y	Y	Y	Y	Y	Y	Y	Y	X	X	X	X	X	X	X	X	X	X	X	--	--	--
48 (42 – 60)	**3**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
48 (36 – 76)	**N**	W	W	X	X	X	X	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
72 (55 – 100)	**4**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
110 (66 – 160)	**T**	W	W	X	X	X	X	X	X	W	W	W	W	W	W	W	W	W	W	W	W	--	--
150 (100 – 200)	**5**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W
150 (100 – 375)	**7**	Y	Y	Y	Y	Y	Y	Y	Y	X	X	X	X	X	X	X	X	X	X	X	--	--	--
300 (200 – 400)	**6**	W	W	W	W	W	W	X	X	W	W	W	W	W	W	W	W	W	W	W	W	W	W