

File E100527  
Project 94ME82889

Issued: August 7, 1986  
Revised: December 13, 1994

\*

REPORT

on

COMPONENT-POWER SUPPLIES

Vicor Corporation  
Andover, MA

Copyright © 1986 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce that portion of this Report consisting of this Cover Page through Page 2B.

R E P L A C E M E N T P A G E

The above referenced section of Procedure has been deleted from this volume, and transferred to Vol. 7 Sec. 1.

\*File E100527

Vol. 2

Sec. 1

Page 1

Issued: 8-7-86

Revised: 5-7-92

R E P L A C E M E N T P A G E

The above referenced volume has been deleted.

## DESCRIPTION

PRODUCT COVERED:

\* Component - Power supply modules, BatMod VI-200 Family, Model Nos. VI-ABC-DE-XX. May be followed by additional suffixes. Refer to Ill. 19.

Power Supply, Modules, IP-200 Series, Model No. IP-ABC-DE-XX may be followed by additional suffixes. Refer to Ill. 19.

GENERAL CHARACTER AND USE:

\* This product is a switching type power supply incorporating semiconductor components in the primary circuit. It is provided with input and output terminals for connection to the end use equipment. The power supply has been investigated to the Standard for Information Technology Equipment including Electrical Business Equipment, CAN/CSA C22.2 No.60950-00, UL60950, CAN/CSA C22.2 No. 950-95, UL1950 Third Edition, UL 1012 Standard for Power Supplies, UL 544 Standard for Medical and Dental Equipment and UL 2601-1 Standard for Medical Electrical Equipment.

NOMENCLATURE BREAKDOWN:

Model number coding breakdown is specified in Ill. 19, for VI-200 Series Model Nos. VI-ABC-DE-XX and the IP-200 Series, Model Nos. IP-ABC-DE-XX.

ELECTRICAL RATINGS:

Input - Input voltage and power are given by positions B and E in Model number respectively, as indicated in nomenclature breakdown.

Output - Output voltage and power are given by positions C and E in Model number respectively, as indicated in nomenclature breakdown.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

For use only in or with equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

The transformer construction meets the requirements of Paragraph 19.4E; 2 layers of insulation meet the 3500 V dielectric voltage withstand.

Insulation diagram see Ill. 21. Insulation creepage and clearance within device does not meet spacing requirements of UL 2601-1, Table XVI without the use of potting compound. This potting compound was considered reinforced insulation.

File E100527 Vol. 7 Sec. 1  
and Report

\*Pages 1A-2

Issued: 8-7-86  
Revised: 11-23-98

R E P L A C E M E N T P A G E

The above referenced pages have been deleted.

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

1. These components have been judged on the basis of the required spacings in the Information Technology Equipment including Electrical Business Equipment, CAN/CSA C22.2 No. 60950-00, UL60950, CAN/CSA C22.2 No. 950-95, UL1950 Third Edition, Medical and Dental Equipment, UL-544 Power Supplies, UL-1012, UL 2601-1 Medical Electrical Equipment.

2. The power supply should be installed in compliance with the enclosure, mounting, spacing, casualty, and segregation requirements of the ultimate application.

3. The baseplate temperature should be measured in the end product. The 85°C temperature should not be exceeded.

4. Secondary circuits have not been investigated for secondary interconnection. Should outputs be connected in series or parallel in end-use applications, additional evaluation will be necessary for increased levels of voltage or current/power.

5. The unit should be located within an overall enclosure so that uninsulated current carrying parts are suitably enclosed.

6. The input and output terminals are not acceptable for field connections and are only intended for connection to mating connectors of internal wiring inside the end-use machine. The acceptability of these and the mating connectors relative to secureness, insulating materials, and temperature should be considered.

7. The "Gate In" and "Gate Out" terminals are in low voltage primary connected circuits.

8. Leakage current measurements should be performed in the end use application.

9. For Medical and Dental and Medical Electrical applications, accompanying documentation shall be provided, see Ill. 20. Fuses not relied upon for abnormal testing.

\* 10. This product has been judged to meet the requirements in UL 1492.

10. All units must have an external fuse provided in the end use \*application. See Table 1 for ratings. Same avalues apply to IP-200 Series.

Table 1

<u>Model</u>	<u>Fuse Rating</u>
VI-27X-XX	(Buss PC-TRON) 3 A
VI-26X-XX	(Buss PC-TRON) 3 A
VI-25X-XX	(Buss PC-TRON) 5 A
VI-24X-XX	6 A/125 V
VI-23X-XX	8 A/125 V (Optional 10 A Pico II, 125 V)
VI-2NX-XX	8 A/125 V (Optional 10 A Pico II, 125 V)
VI-22X-XX	8 A/60 V
VI-2WX-XX	12 A/32 V
VI-21X-XX	12 A/32 V
VI-20X-XX	12 A/32 V
VI-2FX-XX	(Buss PC-TRON) 5 A
VI-2TX-XX	(Buss PC-TRON) 5 A

11. Secondary outputs 5 V-48 V comply with SELV requirements. Secondary 52 V - 95 V are nonSELV outputs.

12. The following Models are not provided with an Over Temperature Protective Device. Considerations should be given to ensure that the maximum temperature of the base plate does not exceed 85°C, under normal and fault conditions.

Models

VI-2N3-05, VI-2N3-06, VI-2NR-01, VI-2T4-08, VI-254-30, VI-254-31, VI-260-91, VI-260-92, VI-260-95, VI-260-97, VI-260-101, VI-261-53, VI-262-32, VI-263-24, VI-263-26, & VI-26L-10.

SPECIALS:

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-200-14	200-C4	9.2-36 V/3.12 A/75 W	5 V/10 A/50 W
VI-200-15	200-C4	20-85 V/1.564/75 W	5 V/10 A/50 W
VI-200-24	200-CY	9.5-28 V/6.25 A/75 W	5 V/10 A/50 W
VI-200-31	200-CX	10-25 V/8.3 A/100 W	5.0 V/15 A/75 W
VI-200-33	200-CX	10.5-20 V/9.6 A/115 W	6.5 V/10 A/65 W
VI-201-08	201-CY	9.2-36 V/3.12 A/75 W	12 V/4.2 A/50 W
VI-201-14	201-CY	10-36 V/6.25 A/75 W	12 V/4.17 A/50W
VI-201-17	201-CZ	10-55 V/4.6 A/55 W	12 V/2.5 A/30 W
VI-201-19	201-CX	10-30 V/6.67 A/100 W	12 V/6.25 A/75 W
VI-201-25	201-CY	9.2-36 V/6,25 A/75 W	12 V/4.17 A/50 W
VI-203-06	203-CX	10-32 V/4.16 A/75 W	34 V/3.12 A/75 W
VI-203-07	203-CX	12 V/8.3 A/100 W	24 V/3.1 A/75 W
VI-203-19	203-EX	10-15 V/8.33 A/100 W	24 V/4.17 A/75 W
VI-204-03	204-CX	10-20 V/10 A/100 W	54 V/1.4 A/75 W
VI-210-12	210-CW	21-32 V/6.74 A/162 W	6.5 V/21 A/137 W
VI-210-13	210-CW	21-36 V/5.2 A/125 W	5 V/20 A/100 W
VI-211-07	211-CW	21-36 V/5.2 A/125 W	12 V/8.3 A/100 W
VI-211-16	211-EV	21-32 V/7.71 A/185 W	8 V/16.88 A/135 W
VI-212-07	212-CW	21-36 V/5.2 A/125 W	15 V/6.6 A/100 W
VI-214-24	214-CY	21-32 V/4.37 A/105 W	80 V/0.63 A/50 W
VI-220-08	220-IY	18-54 V/20.8 A/75 W	5 V/3.3 A/50 W
VI-220-09	220-CW	21-56 V/3.47 A/105 W	5 V/20 A/100 W
VI-220-10	220-CW	17-42 V/5.2 A/125 W	5 V/20 A/100 W
VI-220-12	220-CW	36 V/4.16 A/135 W	5 V/20 A/100 W
VI-220-13	220-CW	36/4.16 A/135 W	5 V/20 A/100 W
VI-220-17	220-CW	21-56 V/3.75 A/135 W	5 V/20 A/100 W
VI-220-21	220-IV	20-40 V/7.14 A/200 W	5.0 V/30 A/ 250 W
VI-221-07	221-CW	21-56 V/3.47 A/125 W	12 V/8.3 A/100 W
VI-221-17	221-EX	20-72 V/2.08 A/100 W	12 V/6.25 A/75 W
VI-222-05	222-IX	18-54 V/2.77 A/100 W	15 V/5 A/75 W
VI-222-06	222-IY	18-54 V/2.08 A/75 W	15 V/3.3 A/50 W
VI-222-07	222-CY	20-85 V/1.56 A/75 W	15 V/3.3 A/50 W
VI-223-02	223-IY	18-54 V/2.08 A/75 W	24 V/2.08 A/50 W
VI-223-03	223-IW	18.54 V/3.47 A/125 W	24 V/4.17 A/100 W
VI-224-03	224-CY	20-72 V/1.94 A/70 W	60 V/.75 A/40 W
VI-230-28	230-CW	48 V/26 A/125 W	5 V/20 A/100 W
VI-230-44	23X-CU	39.5-65 V/6.9 A/335 W	5.2 V/44 A/228 W
VI-231-01	231-CU	42-60 V/4.68 A/225 W	12 V/16.6 A/220 W
VI-232-05	232-CX	48 V/2.08 A/100 W	15 V/5 A/75 W
VI-232-06	232-CV	48 V/4.16 A/200 W	15 V/10 A/150 W
VI-234-13	234-CU	42-60 V/5.2 A/250 W	55 V/3.64 A/200 W
VI-232-07	232-CU	42-60 V/4.68 A/325 W	15 V/13.3 A/200 W
VI-233-06	233-CX	42-60 V/2.08 A/100 W	24 V/3.1 A/75 W
VI-241-04	241-CY	11-72 V/1.25 V/60 W	12 V/3 A/36 W
VI-241-05	241-CY	11-72 V/1.25 A/60 W	12 V/3 A/36 W
VI-241-08	241-CY	20-72 V/1.27 A/61 W	12 V/3 A/36 W
VI-242-02	242-CW	55-100 V/1.73 A/125 W	15 V/6.64/100 W
VI-252-04	252-CU	75-150 V/204 A/225 W	28 V/7.14 A/200 W
VI-250-01	250-CV	100-200 V/1.3 A/200 W	6.5 V/23 A/150 W
VI-250-13	250-CW	150 V/0.9 A/135 W	6 V/16.7 A/100 W
VI-250-21	25T-IV	100-200 V/1.35 A/200 W	6.7 V/23 A/155 W
VI-250-22	250-EW	120-220 V/.941 A/150 W	5.0 V/20 A/100 W
VI-250-23	250-EV	100-200 V/1.37 A/200 W	6.0 V/25 A/150 W
VI-250-24	250-EV	100-200 V/1.37 A/200 W	6.0 V/25 A/150 W
VI-252-11	252-CV	60-160 V/2.6 A/200 W	15 V/10 A/150 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-254-24	254-CU	100-200 V/1.5 A/225 W	35 V/5.7 A/280 W
VI-254-30	254-EU	100-200 V/1.66 A/250 W	55 V/3.64 A/200 W
VI-254-31	254-EU	100-200 V/1.66 A/250 W	63 V/3.17 A/200 W
VI-260-09	26W-CV	200-400 V/0.67 A/200 W	5.5 V/27.5 A/150 W
VI-260-29	260-CV	300 V/0.66 A/200 W	5 V/30 A/150 W
VI-260-37	260-SV	200-400 V/.66 A/200 W	50 V/30 A/150 W
VI-260-46	260-CV	200-400 V/.66 A/200 W	5.2 V/28.8 A/150 W
VI-260-48	260-41	210-400 V/3.27 A/100 W	2 V/.37 A/74 W
VI-260-49	260-42	210-400 V/.737 A/225 W	5 V/37 A/185 W
VI-260-50	VI-260-41	210-400 V/.327 A/100 W	2 V/37 A/74 W
VI-260-51	260-43	210-400 V/.49 A/150 W	5 V/25 A/125 W
VI-260-53	260-CW	200-400 V/.416 A/125 W	5 V/20 A/100 W
VI-260-54	260-CY	200-400 V/.25 A/75 W	5 V/10 A/50 W
VI-260-57	260-CY	200-400 V/.216 A/65 W	3.4 V/11 A/37.5 W
VI-260-63	260-CV	200-400 V/.33 A/100 W	2.0 V/37 A/74 W
VI-260-64	260-CW	300 V/0.5 A/150 W	5 V/20 A/100 W
VI-260-65	260-CX	300 V/0.33 A/100 W	5 V/15 A/75 W
VI-260-66	260-CV	200-400 V/0.66 A/200 W	5 V/30 A/150 W
VI-260-67	260-CW	200-400 V/0.5 A/150 W	5 V/20 A/100 W
VI-260-68	260-22	200-400 V/0.78 A/235 W	5 V/37 A/185 W
VI-260-76	260-CV	200-400 V/0.67 A/200 W	5.2 V/28.8 A/150 W
VI-260-78	260-EY	200-400 V/0.45 A/135 W	6.3 V/15.9 A/100 W
VI-260-85	260-IU	200-400 V/0.66 A/200 W	6.0 V/30 A/180 W
VI-260-88	260-EU	240-400 V/0.83 A/250 W	6.5 V/30 A/195 W
VI-260-89	26X-CU	250-400 V/0.75 A/278.8 W	5.2 V/44 A/228.8 W
VI-260-91	26Z-IV	200-400 V/0.28 A/85 W	2.0 V/30 A/60 W
VI-260-92	260-IU	200-400 V/0.83 A/250 W	5.0 V/40 A/200 W
VI-260-93	260-IV	200-400 V/0.66 A/200 W	5.0 V/30 A/150 W
VI-260-94	261-CU	200-400 V/0.66 A/200 W	8.0 V/21 A/168 W
VI-260-95	26V-EV	200-400 V/0.66 A/200 W	5.8 V/25.8 A/150 W
VI-260-96	260-EU	240-400 V/0.83 A/250 W	8.0 V/25 A/200 W
VI-260-97	260-CU	200-400 V/0.83 A/250 W	5.0 V/40 A/200 W
VI-260-98	260-CU	200-400 V/0.75 A/225 W	5.0 V/35 A/175 W
VI-260-101	26V-EV	200-400 V/0.66 A/200 W	5.8 V/25.8 A/150 W
VI-260-102	260-CU	200-400 V/0.83 A/250 W	5.0 V/40 A/200 W
VI-260-103	260-CV	200-400 V/0.66 A/200 W	5.0 V/30 A/150 W
VI-260-CV	260-07	300 V/0.66 A/200 W	5.8 V/25.8 A/150 W
VI-261-27	261-CY	200-400 V/2.5 A/75 W	12 V/4.16 A/50 W
VI-261-30	261-CV	200-400 V/.66 A/200 W	8 V/18.75 A/150 W
VI-261-31	261-CV	200-400 V/.75 A/225 W	8.6 V/19.3 A/166 W
VI-261-32	261-CX	300 V/0.33 A/100 W	12 V/6.25 A/75 W
VI-261-33	261-CU	300 V/0.75 A/225 W	12 V/16.6 A/200 W
VI-261-34	261-CW	300 V/4.16 A/125 W	12 V/8.3 A/100 W
VI-261-35	261-CV	300 V/0.66 A/200 W	12 V/12.5 A/150 W
VI-261-40	261-CW	200-400 V/0.33 A/100 W	8 V/9 A/72 W
VI-261-52	261-CW	200-400 V/0.83 A/250 W	12 V/16.67 A/200 W
VI-261-53	261-CW	200-400 V/0.5 A/150 W	12 V/8.3 A/100 W
VI-262-15	262-CY	200-400 V/.25 A/75 W	15 V/3.3 A/50 W
VI-262-21	262-CY	170-270 V/1.125 A/225 W	13.5 V/14.8 A/200 W
VI-262-25	262-CV	140-260 V/1.05 A/200 W	13.5 V/12 A/162 W
VI-262-27	262-CU	200-400 V/0.83 A/250 W	20 V/10 A/200 W
VI-262-28	262-CV	140-260 V/1.05 A/200 W	13.5 V/12 A/162 W
VI-262-31	262-EX	200-400 V/0.45 A/135 W	16.5 V/4.5 A/75 W
VI-262-32	262-CU	200-400 V/0.83 A/250 W	15 V/13.3 A/200 W
VI-262-33	262-CX	200-400 V/0.45 A/135 W	15 V/5 A/75 W
VI-262-37	262-CV	200-400 V/0.66 A/200 W	15 V/10 A/150 W
VI-263-07	263-CY	200-400 V/.25 A/75 W	24 V.2.08 A/50 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-263-08	263-CV	200-400 V/.66 A/200 W	24 V/6.25 A/150 W
VI-263-10	263-CU	300 V/0.75 A/225 W	24 V/8.3 A/200 W
VI-263-11	263-CV	300 V/0.66 A/200 W	24 V/6.25 A/150 W
VI-263-12	263-CV	200-400 V/0.66 A/200 W	24 V/6.25 A/150 W
VI-263-13	263-CU	240-400 V/0.75 A/225 W	24 V/8.3 A/200 W
VI-263-14	263-CW	200-400 V/0.46 A/139 W	26 V/4 A/104 W
VI-263-23	26J-EU	200-400 V/0.74 A/221 W	36 V/4.75 A/171 W
VI-263-24	263-EV	200-400 V/0.66 A/200 W	24 V/6.25 A/150 W
VI-263-26	263-CU	200-400 V/0.83 A/250 W	24 V/8.33 A/200 W
VI-263-27	263-EV	200-400 V/0.66 A/200 W	5.2 V/44 A/228.8 W
VI-263-28	263-CU	200-400 V/0.83 A/250 W	24 V/8.33 A/200 W
VI-264-01	26H-CU	170-270 V/1.125 A/225 W	54 V/3.70 A/200 W
VI-264-08	264-CU	200-400 V/.75 A/225 W	95 V/2.10 A/200 W
VI-264-17	264-08	200-400 V/.75 A/225 W	95 V/2.10 A/200 W
VI-264-20	264-CU	200-400 V/.65 A/195 W	36 V/4.7 A/170 W
VI-264-21	264-CU	200-400 V/1.13 A/225 W	55 V/3.6 A/200 W
VI-264-23	264-CU	200-400 V/0.75 A/225 W	35 V/5.7 A/200 W
VI-264-28	264-CU	200-400 V/4.09 A/225 W	55 V/3.64 A/220 W
VI-264-38	264-EV	200-400 V/0.67 A/200 W	56 V/2.68 A/150 W
VI-264-46	264-EU	200-400 V/0.83 A/250 W	48 V/4.17 A/200 W
VI-26L-03	26L-CU	200-400 V/1.4 A/420 W	28 V/8.03 A/225 W
VI-26L-04	26L-CU	200-400 V/1.25 A	28 V/7.14 A/200 W
VI-26L-08	26L-IV	200-400 V/0.66 A/200 W	28 V/5.36 A/150 W
VI-26L-09	26L-IU	200-400 V/0.83 A/250 W	28 V/7.14 A/200 W
VI-26L-10	26L-EU	200-400 V/0.83 A/250 W	28 V/7.14 A/200 W
VI-270-02	270-EX	145-358 V/0.54 A/135 W	5 V/20 A/100 W
VI-271-01	271-CW	130-375 V/0.46 A/140 W	10.5 V/10 A/105 W
VI-2N0-08	2N0-CV	36-76 V/2.85 A/137 W	6 V/17 A/102 W
VI-2N0-09	2N0-CV	38-72 V/4.16 A/200 W	5.4 V/27.7 A/150 W
VI-2N0-10	2N0-CV	36-76 V/2.85 A/137 W	6 V/17 A/102 W
VI-2N0-11	2N0-CU	36-76 V/4.38 A/210 W	5.5 V/29.09 A/160 W
VI-2W0-07	2W0-CW	18-36 V/5.63 A/135 W	5 V/20 A/100 W
VI-2W1-01	2W1-CW	18-36 V/5.63 A/135 W	8 V/12.5 A/100 W
VI-2W1-03	2W3-CV	18-36 V/8.3 A/200 W	12 V/12.5 A/150 W
VI-2WF-01	2WF-CU	21-36 V/10.41 A/250 W	72 V/2.78 A/200 W
VI-2WL-02	2WL-IV	18.36 V/8.33 A/200 W	28 V/5.36 A/150 W
VI-274-01	274-CY	100-375 V/.25 A/75 W	61 V/.819 A/50 W
VI-2NY-02	2NY-IV	36-76 V/2.79 A/134 W	3.3 V/30 A/99 W
VI-2NO-02	2NO-CV	38-72 V/4.16 A/200 W	54 V/27.7 A/150 W
VI-2NO-03	2NO-CV	36-76 V/4.16 A/200 W	6.3 V/23.8 A/150 W
VI-2NO-04	2NO-CW	36-76 V/3.125 A/150 W	5 V/20 A/100 W
VI-2NO-16	2NO-IV	36-76 V/4.16 A/200 W	5.7 V/26.3 A/150 W
VI-2NO-19	2NO-CV	36-76 V/4.16 A/200 W	5.5 V/30 A/165 W
VI-2NO-25	2N0-EW	36-76 V/2.81 A/135 W	5 V/20 A/100 W
VI-2N2-01	2N2-CY	36-76 V/1.04 A/50 W	15 V/1.6 A/25 W
VI-2N3-04	2N3-CU	32-60 V/5.20 A/250 W	24 V/8.33 A/200 W
VI-2N3-05	2N3-CU	36-72 V/5.20 A/250 W	24 V/8.33 A/200 W
VI-2N3-06	2N3-TW	30-90 V/1.81 A/109 W	24 V/3.5 A/84 W
VI-2N4-07	2N4-CU	36-76 V/5.8 A/280 W	48 V/4.17 A/200 W
VI-2NR-01	2NR-EV	36-72 V/4.16 A/200 W	7.5 V/20 A/150 W
VI-2WO-01	2WO-CW	18-36 V/6.25 A/135 W	5 V/20 A/100 W
VI-2WO-02	2WO-CV	16-32 V/8.3 A/200 W	5 V/30 A/150 W
VI-2W2-01	2W2-CV	16-32 V/8.3 A/200 W	15 V/10 A/150 W
VI-B00-01	B00-CY	20-85 V/6.25 A/75 W	5 V/10 A/50 W
VI-B03-04	B03-CX	10-32 V.8.33 A/100 W	24 V/3.12 A/75 W
VI-B03-04	B20-CW	21-56 V/3.47 A/125 W	5 V/20 A/100 W
VI-B11-02	B11-EV	21-32 V/7.7 A/1.85 W	8.0 V/16.88 A/135 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-B20-02	B20-CW	21-56 V/3.47 A/125 W	5 V/20 A/100 W
VI-B22-01	B22-CY	20-85 V/1.56 A/75 W	15 V/3.3 A/50 W
VI-B30-16	B3X-CU	39-65 V/5.79 A/278 W	5.2 V/44 A/228.8 W
VI-B32-01	B32-CV	42-60 V/4.16 A/200 W	15 V/10 A/150 W
VI-B60-13	B60-CV	300 V/0.66 A/200 W	5 V/30 A/150 W
VI-B60-22	B60-18	210-400 V/.327 A/100 A	2 V/37 A/74 W
VI-B60-23	B60-19	210-400 V/.737 A/2.25 W	5 V/37 A/185 W
VI-B60-24	B60-19	210-400 V/.737 A/225 W	5 V/37 A/185 W
VI-B60-25	B60-18	210-400 V/.327 A/100 W	2 V/37 A/74 W
VI-2N0-19	2N0-CV	36-76 V/4.16 A/200 W	5.5 V/30 A/165 W
VI-2N0-25	2N0-EW	36-76 V/2.81 A/135 W	5 V/20 A/100 W
VI-B60-26	B60-CW	200-400 V/.416 A/125 W	5 V/20 A/100 W
VI-B60-27	B60-CV	200-400 V/.66 A/200 W	5 V/30 A/150 W
VI-B60-30	B60-CV	200-400 V/1.0 A/200 W	5 V/30.0 A/150 W
VI-B60-39	B60-IU	200-400 V/0.66 A/200 W	6.0 V/30 A/180 W
VI-B60-41	B6X-CU	250-400 V/0.75 A/278.8 W	5.2 V/44 A/228.8 W
VI-B60-42	B61-CU	200-400 V/0.66 A/200 W	8.0 V/21 A/168 W
VI-B60-43	B60-CU	200-400 V/0.75 A/225 W	5.0 V/36 A/175 W
VI-B60-44	B60-CU	200-400 V/0.83 A/250 W	5.0 V/40 A/200 W
VI-B61-08	B61-CU	200-400 V/1.13 A/225 W	12 V/6.25 A/200 W
VI-B61-06	B61-CU	200-400 V/.75 A/225 W	12 V/16.6 A/200 W
VI-B61-13	B61-CU	200-400 V/0.833 A/250 W	12 V/16.67 A/200 W
VI-B61-15	B61-CU	220-400 V/0.833 A/250 W	12 V/16.7 A/200 W
VI-B62-03	B62-CU	200-400 V/.75 A/225 W	15 V/13.3 A/200 W
VI-B62-05	B62-CU	170-270 V/1.125 A/225 W	13.5 V/14.8 A/200 W
VI-B62-13	B62-CU	200-400 V/0.83 A/250 W	14.4 V/13.8 A/200 W
VI-B62-14	B62-CU	200-400 V/0.83 A/250 W	15 V/13.3 A/200 W
VI-B63-02	B63-CU	200-400 V/.75 A/225 W	24 V/8.33 A/200 W
VI-B63-03	B63-EU	200-400 V/0.833 A/250 W	20 V/10 A/200 W
VI-B64-01	B64-CU	220-400 V/.75 A/225 W	95 V/2.10 A/200 W
VI-B64-04	B64-CU	200-400 V/.75 A/225 W	40 V/5 A/200 W
VI-B64-08	B64-CU	200-400 V/1.13 A/225 W	55 V/3.6 A/200 W
VI-B6H-01	B6H-CU	170-270 V/1.125 A/225 W	54 V/3.7 A/200 W
VI-B6L-01	B6L-CU	200-400 V/1.25 A	28 V/7.14 A/200 W
VI-B6L-04	B6L-IV	200-400 V/0.667 A/200 W	28 V/5.36 A/150 W
VI-B6L-05	B6L-EU	200-400 V/0.83 A/250 W	28 V/7.14 A/200 W
VI-BWO-01	BWO-CW	18-36 V/6.25 A/135 W	5 V/20 A/100 W
VI-BNO-02	BNO-CV	34-76 V/175 W	5 V/30 A/150 W
VI-260-01	260-CV	300 V/150 W	6.5 V/130 W
-06	260-CV	300 V/200 W	5 V/150 W
-22	260-CV	300 V/225 W	5 V/185 W
-23	260-CV	300 V/100 W	2 V/74 W
-24	260-CV	300 V/210 W	5 V/175 W
-26	260-CV	300 V/200 W	5 V/150 W
-27	260-CV	300 V/200 W	6 V/150 W
-31	260-CV	300 V/200 W	5 V/150 W
-33	260-CV	300 V/200 W	5 V/150 W
-34	260-CY	300 V/75 W	5 V/50 W
-41	260-23	300 V/100 W	2 V/74 W
-42	260-22	300 V/225 W	5 V/185 W
-43	260-26	300 V/150 W	5 V/125 W
VI-261-01	261-CV	300 V/200 W	12 V/150 W
-02	261-CV	300 V/200 W	12 V/150 W
-06	261-CV	300 V/135 W	12 V/100 W
-07	261-CW	300 V/75 W	12 V/50 W
-18	261-CY	300 V/220 W	12 V/200 W
-20	261-CU	300 V/135 W	12 V/100 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
-6101	261-CW	300 V/200 W	5 V/150 W
-6002	261-CW	300 V/200 W	12 V/150 W
VI-B60-01	B60-CV	300 V/150 W	6.5 V/130 W
-06	B60-CV	300 V/200 W	5 V/150 W
-07	B60-CV	270 V/150 W	6.5 V/130 W
-11	B60-CV	300 V/100 W	2 V/74 W
-12	B60-CV	270 V/225 W	5 V/185 W
-18	B60-11	300 V/100 W	2 V/74 W
-19	B60-12	300 V/225 W	5 V/185 W
-32	B60-CV	300 V/200 W	5 V/150 W
VI-B01-02	B01-CY	12 V/200 W	5 V/150 W
VI-233-01	233-IV	48 V/200 W	24 V/150 W
VI-230-29	230-CV	42-48 V/4.32 A/207 W	6.3 V/25 A/157 W
VI-260-69	260-CV	200-400 V/.69 A/207 W	6.3 V/25 A/157 W
VI-260-71	260-CV	200-400 V/0.6 A/200 W	5 V/30 A/150 W
VI-261-36	261-CU	200-400 V/.75 A/225 W	12 V/16.6 A/200 W
VI-261-46	261-EW	200-400 V/0.5 A/150 W	9 V 11.11 A/100 W
VI-261-47	261-CU	200-400 V/0.833 A/250 W	12 V/16.67 A/200 W
VI-261-48	261-CV	250-400 V/0.65 A/220 W	9 V/18.89 A/170 W
VI-262-22	262-CV	130-300 V/.76 A/200 W	15 V/10 A/150 W
VI-264-19	264-CV	200-400 V/.66 A/200 W	62 V/2.4 A/150 W
VI-26L-02	26L-CW	130-300 V/0.465 A/121 W	24 V/4 A/96 W
VI-2N0-05	2N0-CV	36-76 V/4.16 A/200 W	5.5 V/27.2 A/150 W
VI-2N1-03	2N1-EX	36-76 V/2.35 A/113 W	12 V/5.3 A/63 W
VI-2N1-04	2N1-EY	36-76 V/1.08 A/52 W	12 V/2.67 A/32 W
VI-2N1-06	2N1-CV	36-76 V/3.75 A/180 W	12 V/10.83 A/130 W
VI-2W3-01	2W30CV	18-36 V/8.3 A/200 W	24 V/6.2 A/150 W
VI-2W4-07	2W4-CV	18-36 V/8.33 A/200 W	54 V/2.78 A/150 W
VI-26V-CV	260-07	200-400 V/.66 A/200 W	5.8 V/25.8 A/150 W
VI-2T0-02	2TY-CV	77-138 V/1.65 A/182 W	3.3 V/40 A/132 W
VI-2T0-04	2T0-1X	62-150 V/1.0 A/100 W	5 V/15 A/75 W
VI-2T0-05	2T0-1X	62-150 V/.85 A/85 W	5.0 V/12 A/60 W
VI-2T0-06	2T0-1W	62-150 V/.93 A/93 W	5.0 V/13.6 A/68 W
*VI-2T-02-07	2T1-CV	66-160 V/2.0 A/200 W	12 V/ 12.5 A/150 W
VI-2T4-07	2T4-1U	67-150 V/2 A/200 W	52 V/2.89 A/150 W
VI-2T4-03	2T4-1W	67-150 V/.95 A/105 W	52 V/1.54 A/80 W
VI-2T4-08	2T4-CV	66-160 V/2 A/200 W	48 V/3.13 A/150 W
VI-2TB-01	2TB-EV	66-145 V/1.90 A/200 W	95 V/1.58 A/150 W
VI-2T0-CV	2T0-CV	100 V/2.8 A/280	5 V/300 A/150 W
VI-B03-08	B03-CY	9.6-36 V/ 6.25 A/75 W	21 V/2.38 A/50 W
VI-B04-01	B04-CX	10-20 V/8.3 A/100 W	54 V/1.3 A/75 W
VI-B30-08	B30-CV	42-60 V/4.3 A/207 W	6.3 V/25 A/157 W
VI-B60-03	B60-CV	200-400 V/.69 A/207 W	6.3 V/25 A/157 W
VI-B61-07	B61-CU	200-400 V/.75 A/225 W	12 V/16.6 A/200 W
VI-B62-06	B61-CV	130-300 V/.76 A/200 W	15 V/10 A/150 W
VI-B62-09	B62-CV	140-260 V/1.12 A/212 W	13.5 V/12 A/162 W
VI-B62-11	B62-CU	200-400 V/0.83 A/250 W	20 V/10 A/200 W
VI-B64-13	B64-CU	200-400 V/0.83 A/250 W	48 V/4.16 A/200 W
VI-BN0-03	BN0-CV	36-76 V/4.16 A/200 W	5.5 V/27.27 A/150 W
VI-BN0-04	BN0-CU	36-76 V/4.38 A/210 W	5.5 V/29.09 A/160 W
VI-BN0-05	BN1-EV	36-76 V/3.57 A/200 W	8.0 V/17.7 A/150 W
VI-BW0-03	BW0-CW	18-76 V/5.63 A/135 W	5 V/20 A/100 W
VI-BW4-04	BW4-CV	18-36 V/8.3 A/200 W	65 V/2.5 A/162.5 W
*VI-BW4-02	BT1-CV	66-160 V/2.0 A/200 W	12 V/ 12.5 A/150 W
VI-B30-10	B30-CV	42-68 V/4.89 A/235	5.1 V/34 A/173 W
VI-B31-CV	B31-CV	42-68 V/4.33 A/208	12.5 V/12.5 A/157 W
VI-22M-02	22M-CW	18-56 V/3.75 A/135 W	10 V/10 A/100 W
VI-26M-03	26M-CW	200-400 V/0.5 A/150 W	10 V/10 A/100 W
VI-26X-01	26X-CV	200-400 V/0.66 A/200 W	5.2 V/28.8 A/150 W
VI-26X-02	26X-CU	200-400 V/0.6 A/200 W	5.2 V/25 A/130 W

## SPECIALS:

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-201-26	201-EX	10-20 V/8.3 A/100 W	12 V/6.25 A/50 W
VI-202-13	202-CX	11.5-20 V/11.6 A/140 W	15 V/6 A/90 W
VI-203-13	203-CY	9.5-36 V/3.125 A/75 W	21 V/2.38 A/50 W
VI-203-25	203-EX	10-36 V/8.3 A/100 W	24 V/3.13 A/7 W
VI-20L-04	20L-CX	10-22 V/11.25 A/135 W	30 V/2.83 A/85 W
VI-204-09	204-CX	10-30 V/8.3 A/100 W	48 V/1.56 A/75 W
VI-2W0-12	2W0-CY	15-36 V/3.125 A/75 W	5 V/10 A/50 W
VI-2W0-13	2W0-CX	16.8-34 V/4.16 A/100 W	5 V/15 A/75 W
VI-2W1-04	2W1-XC	18-40 V/4.16 A/100 W	12 V/6.25 A/75 W
VI-2W1-12	2W1-CX	15-36 V/4.16 A/100 W	12 V/6.25 A/75 W
VI-2W4-08	2W4-CV	16.8-30 V/8.3 A/200 W	48 V/3.65 A/175 W
VI-2WY-01	2WY-CV	16.8-30 V/4.16 A/100 W	3 V/25 A/75 W
VI-210-22	210-CY	21-32 V/3.125 A/75 W	5 V/10 A/50 W
VI-210-29	210-EV	21-32 V/8.335 A/200 W	5 V/30 A/150 W
VI-211-09	211-CY	10-36 V/2.9 A/61 W	12 V/3 A/36 W
VI-211-15	211-CW	21-32 V/5.625 A/135 W	12 V/8.3 A/100 W
VI-212-09	212-CY	13-36 V/3.125 A/75 W	15 V/3.33 A/50 W
VI-212-11	212-CY	21-32 V/3.125 A/75 W	15 V/3.33 A/50 W
VI-220-11	220-CX	18-62 V/2.08 A/75 W	5.0 V/10 A/50 W
VI-220-16	220-CW	21-56 V/3.75 A/135 W	6.3 V/15.8 A/100 W
VI-221-14	221-CW	21-56 V/3.75 A/135 W	12 V/8.3 A/100 W
VI-221-18	221-CW	20-55 V/7.29 A/175 W	12 V/10.42 A/125 W
VI-221-19	221-EX	19-60 V/2.77 A/100 W	12 V/5083 A/70 W
VI-221-20	221-CW	20-60 V/3.75 A/135 W	12 V/8.3 A/100 W
VI-22L-02	22L-CW	21-56 V/3.75 A/135 W	28.3 V/3.53 A/100 W
VI-22L-04	22L-CW	20-100 V/1.88 A/135 W	28 V/3.57 A/100 W
VI-224-01	224-CW	21-56 V/3.75 A/135 W	48 V/2.08 A/100 W
VI-22M-04	22M-CW	20-60 V/3.125 A/150 W	10.5 V/12 A/126 W
VI-230-01	220-CV	48-60 V/4.16 A/200 W	6.5 V/23./150 W
VI-230-10	230-CW	40-60 V/2.81 A/135 W	5.4 V/18.52 A/100 W
VI-230-12	230-CV	42-60 V/4.08 A/196 W	6.5 V/22.34 A/146 W
VI-230-14	230-IV	42-60 V/4.16 A/200 W	5 V/30 A/150 W
VI-230-38	230-CV	42-60 V/4.42 A/212 W	6.5 V/25 A/162 W
VI-230-39	230-CU	42-60 V/2.04 A/98 W	1.2 V/40 A/48 W
VI-230-45	230-CW	42-60 V/2.81 A/135 W	5.4 V/18.52 A/100 W
VI-230-46	230-EV	42-60 V/4.16 A/200 W	5 V/30 A/150 W
VI-230-47	230-CW	42-60 V/2.81 A/135 W	5.15 V/19.42 A/100 W
VI-230-49	230-EU	42-60 V/4.16 A/250 W	5 V/40 A/200 W
VI-231-02	231-CV	42-60 V/4.16 A/200 W	12 V/12.5 A/150 W
VI-231-07	231-CY	42.60 V/0.416 A/20 W	12 V/0.83 A/10 W
VI-231-09	231-CV	42-60 V/4.16 A/200 W	12 V/12.5 A/150 W
VI-231-15	231-CU	42-60 V/502 A/250 W	12 V/16.67 A/200 W
VI-234-09	234-CU	42-60 V/5.2 A/250 W	55/3.64 A/200 W
VI-23X-01	23X-CU	39.5-660 V/6.88 A/330 W	5.2/44 A/228 W
VI-23Y-01	23Y-EV	42-60 V/2.81 A/135 W	3.3 V/30 A/99 W
VI-23Z-01	23Z-CU	42-60 V/2.08 A/100 W	2/40 A/80 W
VI-2N0-28	2N0-CY	30-76 V/1.56 A/75 W	5 V/10 A/50 W
VI-2N1-08	2N1-CY	36-76 V/1.56 A/75 W	12 V/4.17 A/50 W
VI-2N1-09	2N1-CY	30-76 V/2.08 A/100 W	12 V/6.25 A/75 W
VI-2N1-10	2N1-CU	36-76 V/0.52 A/250 W	16.674.17 A/200 W
VI-2N2-02	2N2-CY	31-60 V/1.56 A/75 W	15 V/3.33 A/50 W
VI-2N2-03	2N2-CX	31-60 V/2.08 A/100 W	15 V/5 A/75 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-2N3-02	2N3-CY	31-60 V/1.52 A/73 W	24 V/2.01 A/48 W
VI-2N3-08	2N3-TW	30-90 V/1.81 A/109 W	24 V/3.5 A/84 W
VI-2NL-03	2NL-CU	36-72 V/5.21 A/250 W	32 V/6.25 A/200 W
VI-2N4-06	2N4-CU	36-76 V/5.21 A/250 W	52.2 V/3.8 A/200 W
VI-2N4-07	2N4-CU	36-76 V/5.21 A/250 W	48 V/4.17 A/200 W
VI-2NB-01	2NB-CX	36-76 V/2.08 A/100 W	95 V/0.79 A/75 W
VI-243-02	243-IU	65-143 V/35.8 A/250 W	24 V/8.33 A/200 W
VI-243-03	243-IY	55-100 V/1.04 A/75 W	42 V/1.04 A/50 W
VI-2T0-01	2T0-IX	62-150 V/.85 A/85 W	5.0 V/12 A/60 W
VI-2T4-09	2T4-CV	77-138 V/2.27 A/250 W	48 V/4.17 A/200 W
VI-250-15	250-CY	80-10 V/0.45 A/50 W	5.0 V/5 A/25 W
VI-250-26	250-CW	100-200 V/0.9 A/135 W	5.4 V/18.52 A/100 W
VI-250-27	250-CV	100-200 V/1.37 A/200 W	6.0 V/25 A/150 W
VI-251-09	251-CU	150-250 V/1.25 A/250 W	12 V/16.66 A/200 W
VI-252-06	252-CV	75-200 V/1.37 A/200 W	15 V/10 A/150 W
VI-253-15	253-CW	150-175 V/0.62 A/100 W	20 V/4.2 A/84 W
VI-254-29	254-CU	100-200 V/1.66 A/250 W	54 V/3.7 A/200 W
VI-260-11	260-CV	200-400 V/0.66 A/200 W	5 V/30 A/150 W
VI-260-19	260-CV	200-400 V/0.66 A/200 W	5.0 V/30 A/150 W
VI-260-75	26Z-IV	200-400 V/0.28 A/85 W	2.0 V/30 A/60 W
VI-260-77	260-CU	200-400 V/0.83 A/250 W	5.0 V/40 A/200 W
VI-260-110	260-IV	200-400 V/0.66 A/200 W	5.0 V/30 A/150 W
VI-260-113	260-EU	240-400 V/0.83 A/250 W	8.0 V/25 A/200 W
VI-261-10	261-IV	200-400 V/0.66 A/200 W	12 V/12.5 A/150 W
VI-261-11	261-CW	200-400 V/0.45 A/135 W	12 V/8.3 A/100 W
VI-261-55	261-CU	200-400 V/0.83 A/250 W	12 V/16.67 A/200 W
VI-261-56	261-EU	200-400 V/0.83 A/250 W	8 V/25 A/200 W
VI-261-57	261-IW	200-400 V/0.45 A/135 W	12 V/8.3 A/100 W
VI-262-04	262-CU	200-400 V/0.83 A/250 W	15 V/13.3 A/200 W
VI-262-38	262-CU	200-400 V/0.45 A/135 W	15 V/6.66 A/100 W
VI-262-39	262-CV	200-400 V/0.66 A/200 W	15/10 A/150 W
VI-263-02	263-CU	200-400 V/0.83 A/250 W	24 V/8.33 A/200 W
VI-263-29	263-CW	200-400 V/0.45 A/135 W	24 V/4.17 A/100 W
VI-263-30	263-CU	200-400 V/0.86 A/258 W	25 V/8.33 A/208 W
VI-26L-04	26L-CU	200-400 V/0.83 A/250 W	28 V/7.14 A/200 W
VI-26L-05	26L-CU	200-400 V/0.83 A/250 W	26 V/7.69 A/200 W
VI-264-05	264-CU	200-400 V/0.83 A/250 W	48 V/4.17 A/200 W
VI-264-07	264-CV	200-400 V/0.58 A/175 W	90 V/1.5 A/135 W
VI-264-16	264-CU	200-400 V/0.83 A/250 W	62 V/3.23 A/200 W
VI-264-33	264-CU	200-400 V/0.83 A/250 W	62 V/3.23 A/200 W
VI-26F-01	26F-EU	200-400 V/0.83 A/250 W	60 V/3.33 A/200 W
VI-26R-01	26R-EU	200-400 V/0.66 A/250 W	7.5 V/26.67 A/200 W
VI-26T-05	26T-CU	210-400 V/0.83 A/250 W	6.5 V/30.77 A/200 W
VI-26X-03	26X-CU	200-400 V/1.08 A/400 W	5.2 V/44 A/228 W
VI-270-01	270-EW	145-330 V/0.54 A/135 W	5 V/20 A/100 W
VI-273-03	273-IW	100-375 V/0.54 A/135 W	24 V/4.17 A/100 W
VI-273-04	273-CW	85-375 V/0.6 A/150 W	24 V/5 A/120 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-B01-03	B01-EX	10-20 V/8.33 A/100 W	12 V/6.25 A/75 W
VI-B02-02	B02-CY	10-30 V/6.25 A/75 W	15 V/3.33 A/50 W
VI-B03-10	B03-CX	10-36 V/8.33 A/100 W	24 V/3.13 A/75 W
VI-B04-03	B04-CX	10-30 V/8.3 A/100 W	48 V/1.56 A/75 W
VI-BW4-02	BW4-CV	18-36 V/8.3 A/200 W	48 V/3.13 A/150 W
VI-B20-03	B20-CY	18-62 V/4.16 A/75 W	5 V/10 A/50 W
VI-B30-14	B30-CU	42-60 V/1.56 A/75 W	1.2 V/40 A/48 W
VI-B30-17	B30-CV	42-60 V/4.16 A/200 W	5.15 V/30 A/154 W
VI-B30-19	B30-CW	42-60 V/3.125 A/150 W	5.15 V/19.42 A/100 W
VI-B34-01	B34-CU	42-60 V/5.20 A/250 W	55 V/3.64 A/200 W
VI-B3X-01	B3X-CU	39.5-65 V/5.20 A/250 W	5.2 V/44 A/228 W
VI-B3Y-02	B3Y-EV	42-60 V/3.125 A/150 W	3.3 V/30 A/100 W
VI-BNL-02	BN1-CV	36-76 V/3.57 A/200 W	28 V/5.3 A/150 W
VI-B43-02	B43-CU	65-143 V/35.8 A/250 W	24 V/8.33 A/200 W
VI-B60-08	B60-CV	200-400 V/0.66 A/200 W	5 V/30 A/150 W
VI-B60-39	B61-CU	200-400 V/0.66 A/200 W	8.0 V/21 A/168 W
VI-B60-47	B60-FV	240-400 V/0.83 A/250 W	8.0 V/36 A/200 W
VI-B61-03	B61-CV	190-400 V/0.66 A/200 W	12.5 V/12.56 A/157 W
VI-B61-16	B61-EU	240-400 V/0.83 A/250 W	8 V/25 A/200 W
VI-B62-13	B62-CU	200-400 V/0.83 A/250 W	14.4 V/13.8 A/200 W
VI-B63-05	B63-EU	200-400 V/0.83 A/250 W	25 V/8.33 A/208 W
VI-B6L-01	B6L-CU	200-400 V/0.83 A/250 W	28 V/7.14 A/200 W
VI-B6L-02	B6L-CU	200-400 V/0.83 A/250 W	26 V/7.69 A/200 W
VI-B64-11	B64-CU	200-400 V/0.83 A/250 W	55 V/3.64 A/200 W
VI-B6F-01	B6F-EU	200-400 V/0.83 A/250 W	60 V/3.33 A/200 W
VI-B6T-02	B6T-CU	210-400 V/0.83 A/250 W	6.5 V/30.77 A/200 W
VI-B6X-01	B6X-CU	250-400 V/0.67 A/250 W	5.2 V/44 A/228 W
VI-J00-15	J00-EZ	9.8-36 V/4.16 A/50 W	5 V/5 A/25 W
VI-J00-19	J00-IZ	9.6-15 V/4.16 A/50 W	5 V/5 A/25 W
VI-J01-17	J01-EZ	9.8-36 V/4.16 A/50 W	12 V/2.08 A/25 W
VI-J04-04	J04-CY	10-23 V/6.25 A/75 W	48 V/1.04 A/50 W
VI-J04-07	J04-EY	10-20 V/6.25 A/75 W	75 V/0.67 A/50 W
VI-J10-05	J10-CX	21-32 V/3.572 A/100 W	5 V/15 A/75 W
VI-J11-05	J11-CW	21-32 V/5.62 A/135 W	10 V/10 A/100 W
VI-J11-07	J11-CW	21-32 V/5.62 A/135 W	9 V/11.1 A/100 W
VI-JW0-01	JW0-CY	13-40 V/2.3 A/55 W	5.0 V/6 A/30 W
VI-JW0-02	JW0-CZ	18-36 V/3.125 A/75 W	6 V/8.33 A/50 W
VI-JW0-06	JW0-CY	18-36 V/3.125 A/75 W	5.0 V/10 A/50 W
VI-JW1-01	JW1-CY	18-36 V/3.125 A/75 W	12 V/4.17 A/50 W
VI-JW2-01	JW2-CX	18-36 V/4.16 A/100 W	15 V/5 A/75 W
VI-JW2-04	JW2-IY	18-36 V/3.125 A/75 W	15 V/3.33 A/50 W
VI-JWL-03	JWL-IW	18-36 V/5.62 A/135 W	30 V/3.33 A/100 W
VI-JW4-02	JW4-IY	18-36 V/3.13 A/75 W	65 V/.77 A/50 W
VI-J20-18	J20-CY	22-60 V/2.08 A/75 W	6.5 V/7.6 A/50 W
VI-J21-05	J21-CY	21-56 V/2.08 A/75 W	12 V/4.17 A/50 W
VI-J22-01	J22-CY	21-56 V/2.08 A/75 W	15 V/3.33 A/50 W
VI-J22-04	J22-CY	21-58 V/1.72 A/62 W	15 V/2.53 A/38 W
VI-J24-05	J24-EY	18-64 V/2.08 A/75 W	48 V/1.0 A/48 W
VI-J30-16	J30-CZ	42-60 V/0.98 A/47 W	4.5 V/5 A/22 W
VI-J30-18	J30-IY	45-53 V/0.94 A/45 W	2 V/10 A /20 W
VI-J32-02	J32-CY	42-60 V/1.56 A/75 W	15 V/3.33 A/50 W
VI-J32-05	J32-CW	45-51 V/2.81 A/135 W	15 V/6 A/90 W
VI-JN0-28	JN0-EX	36-76 V/2.08 A/100 W	5 V/15 A/75 W

<u>Model</u>	<u>Parent</u>	<u>Input (DC)</u>	<u>Output (DC)</u>
VI-JN1-03	JN1-CX	40-75 V/2.08 A/100 W	12 V/6.25 A/75 W
VI-JN1-09	JN1-EY	36-76 V/1.56 A/75 W	9 V/5.56 A/50 W
VI-JN4-01	JN4-CY	36-72 V/1.04 A/50 W	70 V/0.3 A/21 W
VI-J40-04	J40-CY	67-121 V/1.04 A/75 W	5 V/10 A/50 W
VI-J40-08	J40-CY	48-85 V/1.12 A/75 W	5 V/10 A/50 W
VI-J41-02	J41-CY	67-121 V/1.04 A/75 W	12 V/4.17 A/50 W
VI-J41-06	J41-CX	50-125 V/1.38 A/100 W	12 V/6.67 A/80 W
VI-JT1-01	JT1-IZ	45-160 V/0.5 A/50 W	12 V/2.08 A/25 W
VI-J50-05	J50-CX	80170 V/0.83 A/100 W	5 V/15 A/75 W
VI-J50-12	J50-CX	100-200 V/0.66 A/100 W	6.0 V/12.5 A/75 W
VI-J51-06	J51-CZ	100-200 V/0.33 A/50 W	10 V/2.5 A/25 W
VI-J52-04	J52-EY	85-185 V/0.5 A/75 W	15 V/3.33 A/50 W
VI-J60-04	J60-IX	200-400 V/0.33 A/100 W	6.5 V/11.5 A/75 W
VI-J60-16	J60-EW	200-400 V/0.45 A/135 W	6.5 V/15 A/98 W
VI-J61-10	J61-CW	200-400 V/0.45 A/135 W	9 V/11.11 A/100 W
VI-J61-11	J61-CX	200-400 V/0.33 A/100 W	12 V/6.25 A/75 W
VI-J61-18	J61-EX	200-400 V/0.33 A/100 W	8 V/9.38 A/75 W
VI-J71-01	J71-CY	100-375 V/0.3 A/75 W	8 V/6.25 A/50 W
VI-J71-07	J71-CZ	100-375 V/0.2 A/50 W	8 V/3.13 A/25 W
VI-J74-03	J74-CZ	100-375 V/0.2 A/50 W	60 V/0.42 A/25 W

<u>Model #</u>	<u>Parent</u>	<u>Input</u>	<u>Output</u>	<u>Change</u>
VI-201-25	201-CY	9.2-36V/6.25A/75W	12V/4.17A/50W	Input
VI-201-29	201-IX	10-20V/8.33A/100W	12V/6.25A/75W	Label
VI-20N-02	20N-CY	10-55V5.08A/61W	18V/2.0A/36W	In/Output
VI-203-27	203-CY	10-30V/6.25A/75W	24V/2.08A/50W	Input
VI-203-29	203-CY	12-36V/3.12A/75W	24V/2.08A/50W	Label
VI-211-17	211-CV	21-32V/8.335A/200W	12V/12.5A/150W	Label
VI-2WL-04	2WL-CV	18-40V/8.335A/200W	28V/6.25A/175W	Input
VI-22M-01	22M-CX	17-52V/2.36A/85W	10V/6.0A/60W	NO OTP
VI-220-23	220-23	17-52V/1.52A/55W	5V/6.0A/30W	No OTP
VI-221-21	221-CW	20-60V/3.12A/150W	12V/10.4A/125W	Label
VI-222-11	222-CX	17-52V/2.77A/100W	15V/5.0A/75W	No OTP
VI-2NY-03	2NY-CU	36-76V/3.27A/157W	3.3V/40A/132W	Label
VI-2NY-04	2NY-CW	36-76V/1.89A/91W	3.3V/20A/66W	Label
VI-2NO-29	2NO-CV	36-76V/4.16A/200W	5V/30A/150W	Label
VI-2N1-11	2N1-CU	36-76V/5.2A/250W	12V/16.7A/200W	Label
VI-2N1-12	2N1-CV	36-76V/4.16A/200W	12V/12.5A/150W	Label
VI-2N3-03	2N3-CV	32-60V/4.16A/200W	24V/6.25A/150W	Input
VI-25V-01	25V-01	100-200V/1.33A/200W	6V/25A/150W	Output
VI-253-13	253-EU	100-200V/1.67A/250W	24V/8.33A/200W	No OTP
VI-25L-05	25L-CU	70-150V/2.5A/250W	28V/7.14A/200W	Input
IP-2T1-01	2T1-01	66-140V/1.69A/169W	12V/12A/144W	Input
VI-26V-02	26V-CU	200-400V/0.83A/250W	5.8V/34.5A/200W	Label
VI-26J-03	26J-CU	200-400V/0.83A/250W	33.7V/5.93A/200W	Output
VI-264-44	264-EU	200-400V/0.83A/250W	60V/3.33A/200W	Output
VI-B01-04	B01-IX	10-20V/8.33A/100W	12V/6.25A/75W	Label
VI-B03-11	B03-CY	12-36V/3.12A/75W	24V/2.08A/50W	Label
VI-B3Z-01	B3Z-CU	42-60V/2.2A/105W	2.0V/40A/80W	Label
VI-B50-04	B50-CV	100-200V/1.33A/200W	5V/30A/150W	Label
VI-B5L-04	B5L-CU	70-150V/2.5A/250W	28V/7.14A/200W	Input
IP-BT1-01	BT1-01	66-140V/1.69A/169W	12V/12A/144W	Input
VI-B64-20	B64-EU	200-400V/0.83A/250W	60V/3.33A/200W	Output

<u>Model #</u>	<u>Parent</u>	<u>Input</u>	<u>Output</u>	<u>Change</u>
VI-203-31	250-EX	10-36V/8.33A/100W	24.0V/3.13A/75W	Input
VI-21T-01	21T-01	21-32V/10.4A/250W	6.5V/30.77A/200W	Input
VI-2N3-11	2N3-CU	36-76V/5.20A/250W	26V/7.69A/200W	Output
VI-24J-02	24J-EU	55-100V/3.47A/250W	35V/5.71A/200W	Label
VI-250-28	250-CV	100-200V/1.33A/200W	5.0V/30A/150W	Label
VI-250-29	250-CV	100-200V/1.33A/200W	5.0V/30A/150W	Label
VI-260-117	260-CU	200-400V/0.833A/250W	5.0V/40A/200W	Label
VI-264-31	264-CU	220-400V/0.83A/250W	95V/2.1A/200W	Input
VI-BN4-04	BN4-CV	36-76V/4.16A/200W	48V/3.12A/150W	Label
VI-B60-48	B60-CU	200-400V/0.833A/250W	5.0V/40A/200W	Label

CONSTRUCTION DETAILS:

General - The design, shape, and arrangement of parts shall be as illustrated except where variations are specifically described.

Spacings - Min spacings between live parts of opposite polarity and between live and dead-metal parts shall be as indicated below.

Spacing Other Than at Field Wiring Terminals

Potential Involved Volts <u>V rms (Peak)</u>	Min Spacings, in (mm)	
	<u>Over Surface</u>	<u>Through Air</u>
0-50 (0-70.7)	3/64 (1.2) b	3/64 (1.2) b
51-125 (72.1-176.8)	1/16 (1.6) b	1/16 (1.6) b
126-250 (178.2-353.5)	3/32 (2.4) b	3/32 (2.4) b

b - On printed wiring boards, their connectors, and board mounted electrical components, wired on the load side of line filters or similar voltage-peak reduction networks and components, a min spacing of 0.023 in (0.58 mm) plus 0.0002 in (0.005 mm) per volt peak shall be maintained over the surface and through air between uninsulated live parts and any other uninsulated live parts and any other uninsulated conductive part (live or dead) not of the same polarity.

Marking - All markings are located as described herein and ink-stamped on the enclosure.

Sealants - Provided on internal components for limiting vibration, Type ECCOSIL SC71 by Emerson and Cuming or Type NUVA-SIL 88 by Loctite. Not relied upon for securement of components.

Internal Wiring - Unless otherwise specified, all internal wiring is Recognized Component appliance wiring material (AVLV2), rated 300 V, 105°C min, and shall be PVC, TFE, PTFE, FEP or neoprene insulated, or shall be surface marked "VW-1".

Mechanical Assembly - Unless otherwise stated, all enclosure parts and component mounting assemblies are secured by welding or thread forming screws or machine screws provided with nuts and lockwashers.

Soldered Connections - All soldered connections are mechanically secured before soldering. When hand soldered, leads on printed circuit boards are bent over prior to soldering.

Exception - Printed circuit board assemblies that are wave soldered.

Electrical Tubing and Sleeving - Recognized Component tubing (YDPU2) and/or sleeving (UZFT2) rated 300 V, 105°C minimum, VW-1 min.

Printed Wiring Boards - Unless otherwise specified, all boards are Recognized Components (ZPMV2), suitable for the solder time and temperature used by the manufacturer, and having a minimum flame rating of 94V-1 and an operating temperature rating of at least 130°C.

Corrosion Protection - Parts are of corrosion resistant material or plated or painted as corrosion protection.

Tolerances - Unless specified otherwise, all indicated dimensions are nominal.

#### MODEL DIFFERENCES:

Model No. VI-260-CV is the basic unit covered by this report.

All other models and specials are similar except for output ratings and where described.

Models VI-6101 and VI-6002 are similar to Models VI-261-CV and VI-260-CV, respectively except for the deletion of opto-couplers U2 and U3, and secondary control circuits.

Models VI-260-06, VI-B60-06, VI-261-02 and VI-B61-02 are the same as Models VI-260-CV, VI-B60-CV, VI-261-CV and VI-B61-CV, respectively except they are provided with an additional heat sink, measuring approx 1.95 x 2.4 x 4.6 in overall, with fins provided.

Models VIB-6001 and VIB-6003 are similar to models VI-B60-CW and VI-B60-CV respectively except for deletion of optocoupler U2 and some secondary control circuitry.

Model VI-261-CU series are similar to Model VI-260-CV except that output components are modified to provide higher output ratings.

R E P L A C E M E N T P A G E

This page replaces page 4A in report dated August 7, 1986.

Models VI-230-09 and VI-230-27 are identical to Models VI-230-CY and VI-230-CV respectively except for the model number and location of the label.

Models VI-231-09 and VI-231-10 are identical to Models VI-231-CV and VI-231-CY respectively except for the model number and location of the label.

Model VI-234-08 is identical to Model VI-234-CW except for the model number and location of the label.

Model VI-B31-01 is identical to Model VI-B31-CV except for the model number and location of the label.

Boosters: When "a" = B. Boosters are similar to the standard products with the exemption of the reduction in parts noted in Ill. 10. The booster works in conjunction with standard VI-200 product in a slave/master relationship.

FinMods: When "XX" = F1-F4. FinMods are standard VI-200 Series product with heat sinks mounted to the baseplate. Refer to Ill. 17.

SlimMods: When "XX" = S. SlimMods are standard VI-200 Series product \*in a flangeless package configuration. Refer to Fig. 4.

EconoMods: When "C" = E. Economodds are standard VI-200 Series products with the following optional parts, U2, R63.

TachoMod: When "XX" = TM. TachoMods are standard VI-200 Series products with screened parts. Values of resistors and capacitors in the secondary vary slightly from the standard VI-200 Series. No safety critical parts are effected.

Specials: When "XX" = 00-99. Specials are standard VI-200 Series products with unique labels or testing. Specials with changes, when "DE" = 00-99, are described under "Specials".