

ULTRAVOLT PRODUCT OPTIONS



-H: HEAT SINK

For PCB-mounted A and C Series plastic package units in extended temperature environments.



-E: "EARED" MOUNTING PLATE

For chassis mounting any A or C Series plastic package unit. Requires additional length, but no additional width.



-25PPM: REDUCED TEMP. COEFFICIENT

Maintains a 25PPM temperature coefficient on both the output voltage and output voltage monitor (when present). Available on A, AA, C, and 10A-40A Series units.



-I5/-I10: ENHANCED INTERFACE OPTIONS

For the AA and High Power C Series. Enhanced interface options that feature a +5V/+10V control and monitoring and constant voltage/constant current auto-crossover.



-C: RF-TIGHT ALUMINUM ENCLOSURE

For ruggedized PCB or chassis mounting of any A or C Series unit. At frequencies greater than 500kHz, this option will reduce radiated RFI emissions 2-3 orders of magnitude.



-M: SIX-SIDED MU-METAL SHIELD

Six-sided wrap-around feature is compatible with all accessories. At frequencies from 1Hz through 600Hz, this option will reduce radiated RFI & EMI emissions by 4-5 orders of magnitude.



-F: RIPPLE STRIPPER® OUTPUT FILTER

For the A, 10A-25A, or 30A-40A Series units. Reduces ripple 10 to 100 times. For greater performance, the -M Option should be used.

Specifications subject to change without notice.

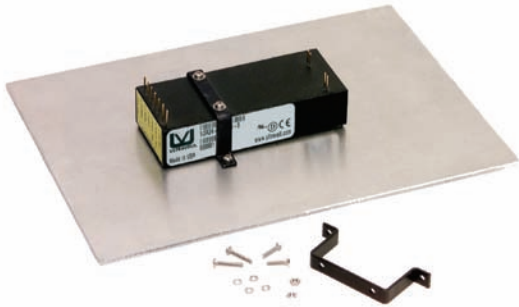


Making High Voltage Easier!®

Higher Service, Higher Performance, Higher Reliability
©2011, UltraVolt Inc. All rights reserved.

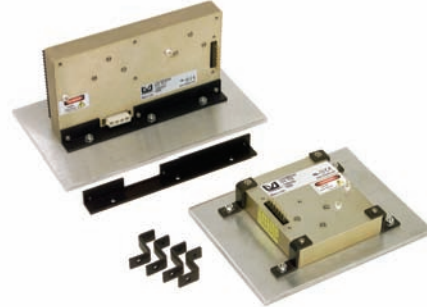
ULTRAVOLT PRODUCT ACCESSORIES

PRODUCT ACCESSORIES



BR-1 & BR-2: BRACKET KITS

For chassis mounting any A or C Series plastic package unit. Requires additional width, but no additional length.



BR-7 & BR-8: BRACKET KITS

For chassis mounting High Power C Series units.



BR-18: BRACKET KIT

For chassis mounting any AA Series plastic package unit. Requires additional width, but no additional length.

SYSTEM ACCESSORIES



USB-HV-RACK

USB control for an HV Rack® system. Enables users to control and monitor an HV Rack system via a PC.



Making High Voltage Easier!®

Higher Service, Higher Performance, Higher Reliability

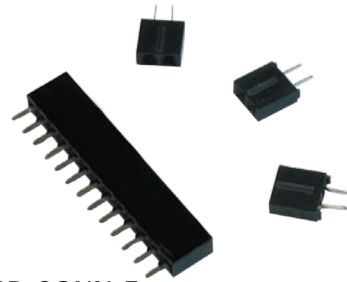
©2011, UltraVolt Inc. All rights reserved.

LOW VOLTAGE CONNECTORS & KITS



CONN-KIT-FL

Wire Harness Kit for FL Series Units
AMP#2-87499-3 Qty 2, #1-87309-4 Qty 15



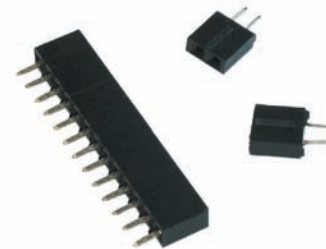
PCB-CONN-F

PCB-Mount Connector Kit
Allows HVPS to be mounted after PCB assembly.
AMP#534998-1 Qty 3, #1-535541-1 Qty 1



CONN-KIT-HP250

Wire Harness Kit for 250W C Series Units
AMP#2-87456-2 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 18,
#1-480702-0 Qty 1, #350705-1 Qty 4



PCB-CONN-STD

PCB-Mount Connector Kit
Allows HVPS to be mounted after PCB assembly.
AMP#534998-1 Qty 2, #1-535541-1 Qty 1



CONN-KIT-HP

Wire Harness Kit for 60W/125W C Series Units
AMP#2-87456-2 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 18



PCB-CONN-HP

PCB-Mount Connector Kit
AMP#1-534998-3 Qty 1, #534998-1 Qty 2,
#1-480702-0 Qty 1, #350705-1 Qty 4



CONN-KIT-F

Wire Harness for -F Equipped Units
AMP#2-87499-3 Qty 1, #87499-3 Qty 3, #1-87309-4 Qty 14



CONN-KIT

Wire Harness for A and C Series Units
AMP#2-87499-3 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 12



Making High Voltage Easier!®

1800 Ocean Avenue, Ronkonkoma, NY 11779
Phone: 1-631-471-4444 Fax: 1-631-471-4696 www.ultravolt.com

HIGH VOLTAGE CONNECTORS & CABLES

Industry Standard Connectors & Cables



UV Option Part #: -AT20
 UV Connector Part #: CN-20KV-1000
 Manufacturer: Alden
 Manufacturer Part #: A000.140
 Mates to: CA-15KV-1000



UV Option Part #: -AT24
 UV Connector Part #: CN-35KV-1000
 Manufacturer: Alden
 Manufacturer Part #: F311-1
 Mates to: CA-30KV-1000 or CN-35KV-1001



UV Option Part #: -AT50
 UV Connector Part #: CN-30KV-1001
 Manufacturer: Caton
 Manufacturer Part #: 14203-LX
 Mates to: N/A



UV Option Part #: -AT21
 UV Connector Part #: CN-30KV-1000
 Manufacturer: Alden
 Manufacturer Part #: F800.165
 Mates to: CA-30KV-1001 or CN-35KV-1000



UV Cable Assembly Part #:
 CA-40KV-1002
 Manufacturer: Alden
 Manufacturer Part #: B110YX10
 Mates to: CN-40KV-1000



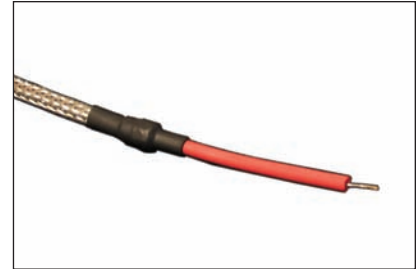
-AP Option
 Anode Lead Protective Wrap:
 Expandable, non-fraying, braided
 sleeving over HV flying lead



UV Option Part #: -AT23
 UV Connector Part #: CN-35KV-1001
 Manufacturer: Alden
 Manufacturer Part #: F800.187
 Mates to: CA-30KV-1001 or CN-35KV-1000



UV Cable Assembly Part #:
 CA-30KV-1001
 Manufacturer: Alden
 Manufacturer Part #: F404B9
 Mates to: CN-30KV-1000 or CN-35KV-1001



-AS Option
 Anode Lead Shield:
 Braided shield over HV flying lead



UV Option Part #: -AT22
 UV Connector Part #: CN-40KV-1000
 Manufacturer: Alden
 Manufacturer Part #: B200.200
 Mates to: CA-40KV-1002



UV Cable Assembly Part #:
 CA-15KV-1000
 Manufacturer: Alden
 Manufacturer Part #: A400B
 Mates to: CN-20KV-1000



UV Option Part #: -AT6
 UV Connector Part #: LR-1000
 Manufacturer: Amp or Jetron
 Manufacturer Part #: 8-34142-1
 Mates to: #6 stud



Making High Voltage Easier!®

1800 Ocean Avenue, Ronkonkoma, NY 11779
 Phone: 1-631-471-4444 Fax: 1-631-471-4696 www.ultravolt.com

HIGH VOLTAGE CONNECTORS & CABLES

MILSPEC/Ruggedized High Altitude Connectors



UV Option Part #: -AT10
UV Connector Part #: CN-10KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1/2
Mates to: N/A



UV Option Part #: -AT14
UV Connector Part #: CN-30KV-1002
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH2
Mates to: CA-30KV-1002CA-30KV-1002



UV Cable Assembly Part #:
CA-20KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-185-14
Mates to: CN-20KV-1001



UV Option Part #: -AT11
UV Connector Part #: CN-15KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1/2L
Mates to: CA-17205-L4



UV Option Part #: -AT15
UV Connector Part #: CN-40KV-1002
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH3
Mates to: CA-40KV-1000 or CA-40KV-1006



UV Cable Assembly Part #:
CA-25KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-335-2
Mates to: CN-25KV-1000



UV Option Part #: -AT12
UV Connector Part #: CN-20KV-1001
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1
Mates to: CA-20KV-1001 or CA-20KV-1000



UV Option Part #: -AT16
UV Connector Part #: CN-50KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH4
Mates to: CA-50KV-1000 or CA-50KV-1002



UV Cable Assembly Part #:
CA-40KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-158
Mates to: CN-40KV-1002



UV Option Part #: -AT13
UV Connector Part #: CN-25KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1L
Mates to: CA-25KV-1000



UV Cable Assembly Part #:
CA-17205-L4
Manufacturer: Jetron
Manufacturer Part #: 57-119-3
Mates to: CN-15KV-1000



UV Cable Assembly Part #:
CA-50KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-155
Mates to: CN-50KV-1000

Rev. N 8/11



Making High Voltage Easier!®

1800 Ocean Avenue, Ronkonkoma, NY 11779
Phone: 1-631-471-4444 Fax: 1-631-471-4696 www.ultravolt.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Non-Isolated DC/DC Converters](#) category:

Click to view products by [Advanced Energy](#) manufacturer:

Other Similar products are found below :

[PSR152.5-7IR](#) [APTH003A0X-SRZ](#) [SPM1004-3V3C](#) [R-785.0-05](#) [10E24-P15-10PPM](#) [1E24-P4-25PPM-SHV-5KV](#) [CA-17205-L4](#)
[PROPOWER-3.3V](#) [MYGTM01210BZN](#) [40C24-N250-I5-H](#) [40A24-P30-E](#) [3V12-P0.8](#) [10C24-N250-I10-AQ-DA](#) [4AA24-P20-M-H](#) [3V12-](#)
[N0.8](#) [3V24-P1](#) [3V24-N1](#) [BMR4672010/001](#) [BMR4652010/001](#) [6AA24-P30-I5-M](#) [6AA24-N30-I5-M](#) [BM2P101X-Z](#) [35A24-P30](#) [2.5M24-P1](#)
[PTV03010WAD](#) [PTV05020WAH](#) [PTV12010LAH](#) [PTV12020WAD](#) [R-7212D](#) [R-7212P](#) [R-78AA15-0.5SMD](#) [R-78AA5.0-1.0SMD](#) [30A24-](#)
[N15-E](#) [10A12-P4-M](#) [10C24-N250-I5](#) [10C24-P125](#) [10C24-P250-I5](#) [6A24-P20-I10-F-M-25PPM](#) [1A24-P30-F-M-C](#) [TSR 1-24150SM](#)
[1/2AA24-N30-I10](#) [1C24-N125](#) [12C24-N250](#) [V7806-1500](#) [PTV12020LAH](#) [PTV05010WAH](#) [PTN04050CAZT](#) [PTH12020WAD](#)
[PTH12020LAS](#) [PTH05050YAH](#)