

# 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.

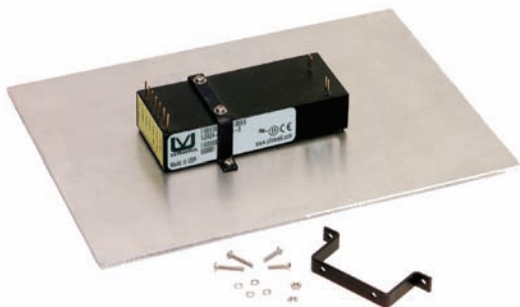


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# ULTRAVOLT PRODUCT ACCESSORIES

## 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.



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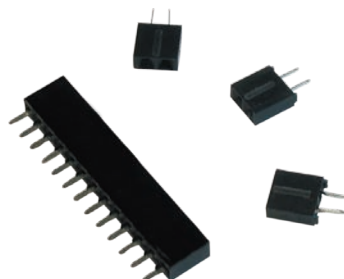
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# LOW VOLTAGE CONNECTORS & KITS



## CONN-KIT-FL

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



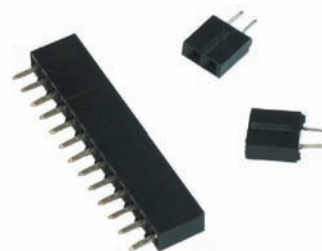
## PCB-CONN-F

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



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# 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



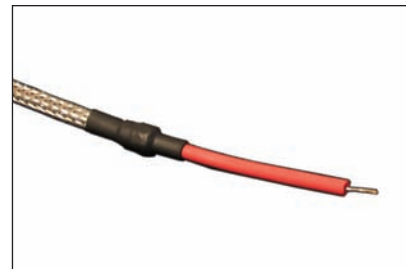
-AP Option  
Anode Lead Protective Wrap:  
Expandable, non-fraying, braided  
sleeving over HV flying lead



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



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# 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



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