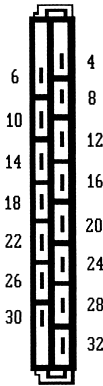


# 60W, UNIVERSAL INPUT, DUAL-OUTPUT PLUG-IN POWER SUPPLY VRU 62

- 3U x 8HP x 160mm Eurocard
- High quality, made in Canada
- Universal input: 90 - 264VAC
- Convection cooled - no fan
- Dual output
- Fully protected
- Meets international approval requirements
- Competitively priced



Pin	Function
4	N/C
6	N/C
8	N/C
10	N/C
12	N/C
14	N/C
16	N/C
18	+ output
20	∅V (COM)
22	- output
24	N/C
26	N/C
28	N
30	L
32	GND



Fully enclosed cassette version

PINOUT OF H15 CONNECTORS

## SPECIFICATIONS

### Input Voltage

90 - 264VAC universal  
47-63Hz

### Input Protection

Thermal Fuse  
Inrush current limiting  
Voltage spike protection (MOV S14K275)  
Lower voltage than the specified minimum input will not damage the unit.

### Isolation

2250VDC input to chassis  
4300VDC input to output (8mm spacing)  
500VDC output to chassis  
Compliance to IEC950, CSA C22.2 No. 950 and UL 1950

### Switching Frequency

47kHz ± 3KHz

### EMI

EN 55022 Class B

### Output Voltages/Currents

± 12V/2.5A (11.5 - 15.5 adj. range)  
± 24V/1.25A (23 - 28.5V adj. range)

### Hold-up Time

≥ 10ms at ≥110V AC line, full load

### Line/Load Regulation

0.5% combined from no load to full load for positive output.  
± 4% for negative output from 10% load to full load

### Dynamic Response

Max 5% voltage deviation for 10% to 50% load step, with better than 1msec recovery time

### Output Ripple/Noise

Less than 150mV peak to peak or 30mV RMS (20MHZ BW)

### Output Overload Protection

Current limit is 3.0A +/- 0.5A on one output, while the other is loaded with 2.0A  
Limit of the total current is 5A +/- 0.5A  
At massive overload or short circuit, the unit goes into cycling mode ('hiccup') and can tolerate this for an infinite amount of time.

### Output Over-voltage Protection

± 12 - 15V: 16V  
± 24 - 28V: 29V

### Efficiency

Min 80% at full load

### Operating Temperature

0°C to +50°C without de-rating  
De-rating: 2.5% per °C above +50°C up to +70°C.  
No de-rating with forced air cooling (min 20cfm)  
Storage: -25°C to +85°C

### Temperature Drift

0.02% per °C over operating temperature range

### Relative humidity

5% - 95% non-condensing

### Cooling

Natural convection

### MTBF

150,000 hours at 45°C

### Connections

H15 connector (see pin-out drawing)

### Dimensions

Plug-in cassette  
3U x 8HP x 160mm Eurocard

### Weight

580 grams (1.28lbs.)

Warranty: Twelve months subject to application within good engineering practice.  
Enhancements or changes to these general specifications and customizing can be accommodated upon request.  
Designed to meet common approval requirements. Specifications subject to change.

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems and DC-input fluorescent lamp inverters since 1982. Custom or standard. Absopulse is a BABT-approved Facility**



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