

# 350 Watts R1035 - 350

Total Power: **350 Watts**  
Input Voltage: **90-264Vac**  
# of Outputs: **Three**



## Electrical Specifications

### Input Specifications

Input Range	90-264Vac
Frequency	47- 63 Hz
Inrush Current	<20A @ 117Vac; <40A@230Vac
Line Protection	Internal Fuses
Power Factor	>0.95, compliant with EN61000-3-2/3
EMI Compliance	Class B Conducted
Efficiency	78% typical at Full load
Leakage current	135uA@132Vac 270uA@264Vac
Dielectric With standing	1.5KVac Primary –AC Gnd 4.0KVac Primary –Secondary 3.0KVac Secondary-AC Gnd.

### Output Specifications

Max. Power	350 W
Output Voltages	+48V, +10V, +6V
Output Current, Max	6.2A (48V), 1.2A (10V), 3A (6V)
Line/Load Regulation	+/- 1%
Ripple	240mV (48V), 70mV (10V) 50mV (6V)
Transient Response	500us to settle to within 1% of the final value after a 25%load step.
Overload protection/ Thermal protection	Fold-back with automatic recovery.
Over voltage protection	48V:+10% to+25% of nominal o/p.
Minimum Load	0A

## Special Features

- Universal input
- Low output ripple
- Excellent Power Factor
- Fold back with automatic recovery
- 80 KHz switching frequency
- Short circuit protection
- Internal Fan
- Active Bleeder Circuit

## Environmental

Operating temperature: 0° to 40°C  
Storage temperature : -40°C to 85°C  
EMI/EMC: designed to meet IEC 601-1  
Humidity: Operating; non-cond 0% to 95%.  
Altitude: 10,000ft.  
Vibration: Per MIL-STD-810C, Method 516.2, cat f  
Procedure VIII, 2.0Gs max at 5-200 Hz.  
Shock: Per MIL-STD-810C, Method  
516.2. Category f, Procedure I, 3  
shocks/axis each direction, 11 ms half  
sine at 15 Gs  
Weight : 2.2 lbs  
MTBF: >180,000 hours

## Safety

UL2601  
CSA 22.2 No. 601.1  
EN60601, CB Scheme Report



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Dimensions shown for reference only.  
Specifications subject to change.

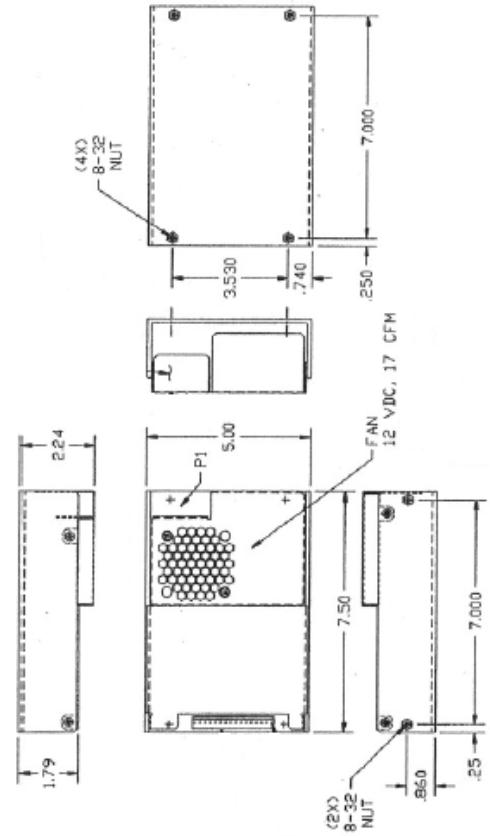
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### Pin Assignments

Input Connector	AMP, 3Pin: 350429-1 or Eq
J1-1	Line
J1-2	Neutral
J1-3	AC Gnd
Output Connector	AMP, 16Pin: 1-640455-6 or Eq.
J2-1	+6V
J2-2	+6V
J2-3	+6V
J2-4	+6V
J2-5	+48V
J2-6	+48V
J2-7	+48V
J2-8	+48V
J2-9	RTN
J2-10	RTN
J2-11	RTN
J2-12	RTN
J2-13	RTN
J2-14	RTN
J2-15	+10V
J2-16	Pin Removed
Mating Connector	
Input	Amp Conn: 350766-1 or Eq. Crimp: 350550-1 or Eq.
Output	Amp Conn: 1-640426-6 or Eq.

### Mechanical Dimensions



**Notes:**

1. All dimensions are in inches.
2. PE should be connected to ground for EMI purposes.
3. Mounting holes to be connected with safety ground.
4. Ripple voltage is directly measured at the output with 10uF tantalum and 0.1uFd in parallel.
5. Specifications are for convection cooling at 115VAC, 25°C unless otherwise stated.
6. Warranty: 1 year

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