

## 35 Watt Metal Enclosed, Single Output

### INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

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Input Voltage	90Vac–264Vac, 127~370Vdc
Input Frequency	47Hz– 63Hz
Input Current	<2.5A Max
Protection	Internal Primary Current Fuse Inrush Limiting



### OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	79-88%
Protection	Over Load Over Voltage Short Circuit
Ripple and Noise	<50mV - <120mV
Hold-Up Time	>20mS (115Vac input, Full load); >10mS (230Vac input, Full load)
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 1%
Leakage Current	Input-output: <3.5mA Input-PG: <0.25mA

### FEATURES

- No load power consumption <0.5W
- Withstand 300VA surge input for 5 secs.
- All using 105°C long life electrolytic capacitors
- 100% full load burn-in test
- Suitable for critical applications
- 3 years warranty

### GENERAL SPECIFICATIONS

MTBF(MILHDBK-217F)	More than 200,000Hrs (25°C, Full load)
Withstand Voltage	Primary-Secondary: 30KVac ≤10mA. Primary-PG :1.5KVac; ≤10mA. Secondary-PG: 0.5KVDC; ≤10mA
EMI Conduction & Radiation	Compliance to EN55022, EN55024 CLASS B
Harmonic Current	Compliance to EN61000-3-2,-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN55024 heavy industry level
Safety Approvals	UL60950-1 2 <sup>ND</sup> Ed; IEC 60950-1; 2005(2 <sup>ND</sup> Ed); EN60950-1:2006

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-25°C~+70°C with derating
Storage Temperature	-40°C~+85°C
Cooling.	Cooling by convection
Operating Humidity	20 – 90% RH No condensing
Storage Humidity	10 – 95% RH

### MECHANICAL SPECIFICATIONS

Case Dimension	L101.6 x W63.5 x H33mm
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Model Number	Output Voltage	Output Current	Max Output Power
PDN-35-5	5.0V	0~6A	30.00W
PDN-35-12	12.0V	0~3A	36.00W
PDN-35-15	15.0V	0~2.4A	36.00W
PDN-35-24	24.0V	0~1.5A	36.00W
PDN-35-48	48.0V	0~0.76A	36.48W

**■ Mechanical Specification**

Unit: mm

**■ Block Diagram**

**■ Derating Curve**

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