

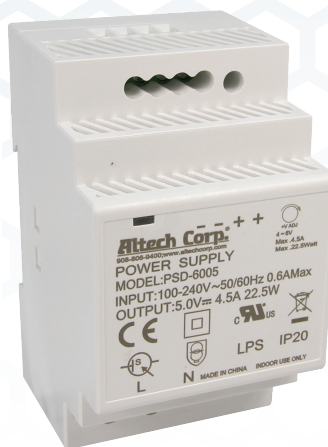
PSD-60 Series

FEATURES

- High Efficiency
- 100% Full Load Burn-In
- Low Ripple & Noise
- Adjustable DC Voltage Output
- Class II Isolation Level
- UL62368-1 and CAN / CSA C22.2
- Protections: Overload / Over Voltage / Short Circuit
- Three-year Warranty

Low Profile

- Small size
- Universal input
- Three-year Warranty



Input: 90-264V AC; 50/60HZ
Output Voltage: 5V-48V DC
Rated Power: 60W max.



CATALOG NUMBER

PSD-6005

PSD-6012

PSD-6015

PSD-6024

PSD-6048

INPUT

INPUT	Input Voltage 90-264VAC					
Input Frequency	47-63Hz					
Inrush Current	30Amps max. at 115VAC/60Hz, Full Load & 60Amps max. at 240VAC/50Hz, Full Load					
AC Current	1.2A/115VAC 0.8A/230VAC					
Leakage Current (MAX)	<0.25mA/240VAC					
Efficiency	85%	88%	89%	90%	91%	

OUTPUT

DC Voltage	5V	12V	15V	24V	48V	
Rated Current	4.5A	4.5A	4A	2.5A	1.25A	
Rated Power	23W	54W	60W	60W	60W	
Ripple and Noise	80mVp-p	120mVp-p	120mVp-p	150mVp-p	240mVp-p	
Line Regulation	±1%					
Load Regulation	±1%					
Setup, Rise, Hold Up Time	500mS/ 80mS/ 12mS (115V/60HZ MAX ROAD) 500mS/ 80mS/ 30mS (230V/50HZ MAX ROAD)					

ENVIRONMENTAL

Operating Temperature	-20°C to 50°C, Full Load, Normal Operation					
Storage Temperature	-40°C to 80°C					
Storage Humidity	10 ~ 95% RH					
Working Humidity	20% ~ 90% RH Non-Condensing					

PROTECTIONS

Overload Protection	>130%-200% Rated Output Power Protection type: Hiccup Mode- recovers automatically after fault condition is removed					
Over Voltage Protection	110~145% Protection Type: Clamp by Zener diode					
Short Circuit Protection	Protection to Zero Voltage					
Over Current Protection	110%-180%					

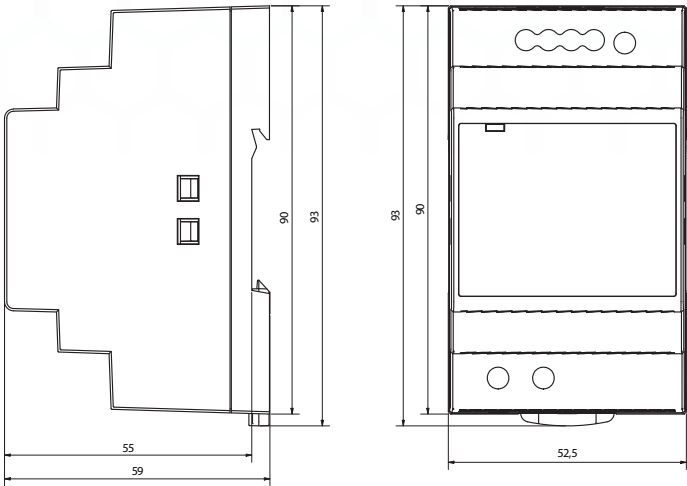
SAFETY & EMC

Safety Regulations	UL60950-1, UL508, BSMI CNS14336-1, TUV EN61558-2-16 IEC60950-1, EAC TPTC 004, TUV EN60950-1 UL62368-1 and CAN / CSA C22.2 No.62368-1-14					
Withstand Voltage	I/P-O/P: 3KVAC					
Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25 / 70% RH					
EMC Emission	EN55032 (CISPR32), CNS13438 Class B, EN61000-3-2 Class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN55024, EN55035, EN61000-6-2, EN61204-3					

OTHER

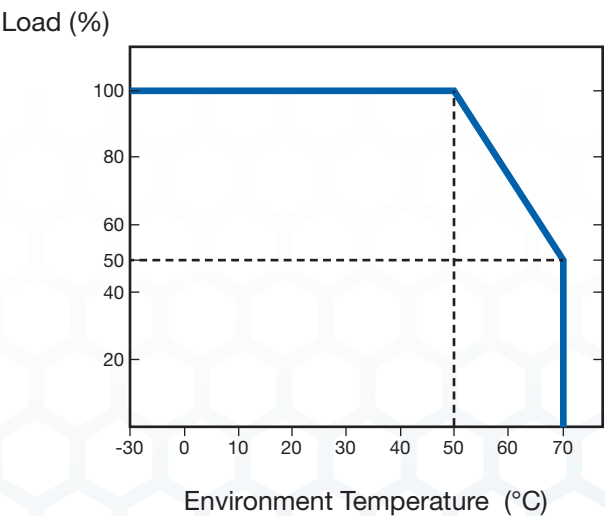
MTBF	200,000 Hours Minimum at Full Load at 25°C Ambient					
Size	90 x 52.5 x 58mm					
Weight	190g / pcs					
Packaging	100PCS/CTN					

Mechanical Specification



Block Diagram

Deduction Curve and Temperature:



Minus Output and Input Voltage Curves:

