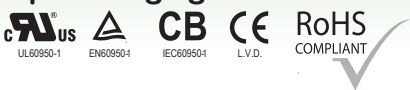


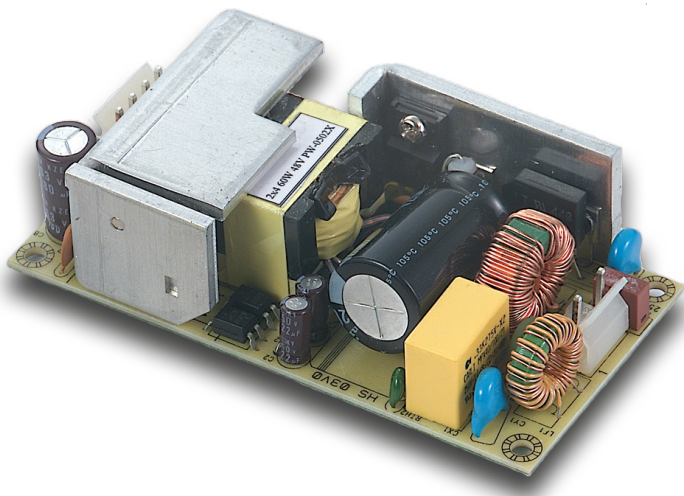
PW-040/060 Series

40-60 Watt Open Frame Switching Power Supply
Single Outputs ranging from 5~48 VDC



Product Features:

- Universal AC Input
- Small Industry standard 2 x 4" Footprint
- Low Profile for 1U High Applications
- Convection Cooled Operations
- International Safety Approvals
- 2 Year Warranty



MODEL	OUTPUT VOLTAGE	MINIMUM LOAD	MAXIMUM LOAD	PO
PW-040B-1Y05	+5V	0A	8.00A	40W
PW-060B-1Y12	+12V	0A	5.00A	60W
PW-060B-1Y15	+15V	0A	4.00A	60W
PW-060B-1Y19	+19V	0A	3.16A	60W
PW-060B-1Y24	+24V	0A	2.50A	60W
PW-060B-1Y36	+36V	0A	1.67A	60W
PW-060B-1Y48	+48V	0A	1.25A	60W

INPUT SPECIFICATIONS:

VOLTAGE	Universal Input (90-264 VAC)
FREQUENCY	47-63Hz
INRUSH	<80A @ 230 VAC Input Range (Max Cold Start)
CURRENT	2A @ 115 VAC
LEAKAGE	750µA Max @ 264 VAC
HOLD-UP	10ms @ 115 VAC & Full Load
EFFICIENCY	80% Typical (full load)

OUTPUT SPECIFICATIONS:

ADJUSTMENT RANGE	Fixed
MINIMUM LOAD	None
REGULATION	See Output Table
RIPPLE	<1±% pk-k max (20MHz)
SETPOINT ACCURACY	±1%
OVER CURRENT	<165% of Max (Auto-Recovery)
OVER VOLTAGE PROTECTION	110~135% of Vnom (recycle input to reset)
SHORT CIRCUIT	Continuous (auto recovery)

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE	0 ~ +60°C (Derate 2.5% per °C above 40°C)
STORAGE TEMPERATURE	-10°C to +70°C
COOLING	Convection
HUMIDITY	20-90% (non-condensing)
VIBRATION	10-55Hz, 2G, 3min Period / 60 min each (3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	MTBF demonstration: > 100k Hours (Full Load and 25°C)

EMISSIONS:

EMISSIONS	EN55022 Level B / FCC Part 15 Class B
ELECTROSTATIC DISCHARGE	EN61000-4-2, 4kV Contact / 8kV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / BURSTS	EN61000-4-4, 2kV
SURGES	EN61000-4-5, 2kV Earth, 1kV Line-Line
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

SAFETY STANDARDS:

UL	60950
CSA	22.2 No. 60950
TUV	EN60950
CE MARK	Low Voltage Directive



lhvpower.com

LHV Power Corporation | 10221 Buena Vista | Santee, CA 92071, USA
Tel: 619 258 7700 | Fax: 619 258 7733 | sale@lhvpower.com

PW-040/060 Series

40-60 Watt Open Frame Switching Power Supply
Single Outputs ranging from 5~48 VDC

CN1: Input Connector

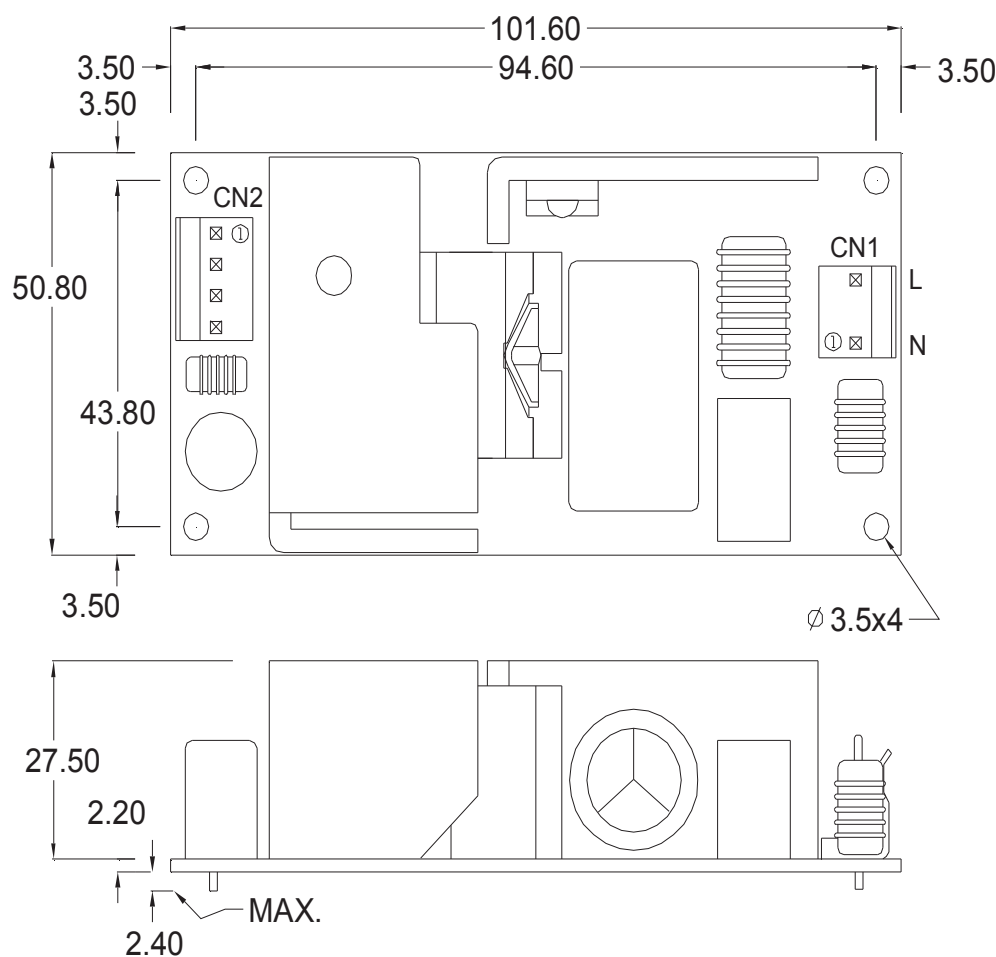
molex 09-65-2029 pitch : 3.92mm or equivalent, mates with female housing molex 09-76-1020 or equivalent

Pin #	Signal
1	AC Neutral
2	AC Lline

CN2: Output Connector

molex 09-065-2048 pitch : 3.96mm or equivalent, mates with female housing molex 09-52-4044 or equivalent

Pin #	Signal
1	+Vo
2	+Vo
3	GND
4	GND

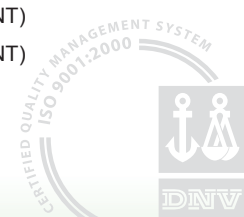


Dimensions: L101.6 x W 50.8 x H 30.0mm

CN1 = AC INPUT MOLEX P/N: 09-65-2029 (OR EQUIVALENT)
CN2 = DC Output MOLEX P/N: 09-65-2048 (OR EQUIVALENT)

MATCHING CONNECTORS

FEMALE HOUSING MOLEX P/N: 09-76-1020 (OR EQUIVALENT)
FEMALE HOUSING MOLEX P/N: 09-52-4044 (OR EQUIVALENT)



lhvpower.com

LHV Power Corporation | 10221 Buena Vista | Santee, CA 92071, USA
Tel: 619 258 7700 | Fax: 619 258 7733 | sale@lhvpower.com