

60W SingleOutputsOpen Frame SPS

Features:

- ◆ High Density, High Efficiency > 85%
- ◆ Mini. Size, Low Profile 2" x 4" x 1.2"
- ◆ Low Leakage Current < 750uA @ 230Vac
- ◆ Safety Compliant With UL60950
- ◆ OCP , OVP , Protection
- ◆ High Peak Power 80W Max.

Application:

POE, LED Driver
Industrial Equipment
Cctv, Gaming Machine

Safety Certified:



INPUT SPECIFICATIONS

INPUT VOLTAGE	Universal Input : 90 ~ 264Vac
INPUT FREQUENCY	47 ~ 63Hz
INPUT CURRENT	1.0A/115Vac , 0.5A/230Vac
INRUSH CURRENT (Typ.)	50A/230Vac half cycle cold start
POWER FACTOR (Typ.)	N/A
EFFICIENCY (Typ.)	85%
LEAKAGE CURRENT	Leakage current < 750uA/230Vac

OUTPUT SPECIFICATIONS

VOLTAGE	V1 = +48V
RATED LOAD(Convection)	0 ~ 12.5A
Max. LOAD(Peak)	1.67A
RIPPLE & NOISE	480mV
REGULATION	±3%
Max. POWER	60W(80W-peak)

PROTECTION SPECIFICATIONS

OCP: (Over Load Protection)	110 ~ 150%
OVP: (Over Voltage Protection)	52.8 ~ 58.8V
OTP: (OverTemp. Protection)	N/A

GENERAL SPECIFICATIONS

HOLD UP TIME (Typ.)	≥ 17mS @ 115V
REMOTE CONTROL(ON-OFF)	
DC OK SIGNAL(P-OK)	
5Vsb & 12Vaux For External Fan	
COOLING	Convection
PARALLEL OPERATION(N+1=N, N≤4)	

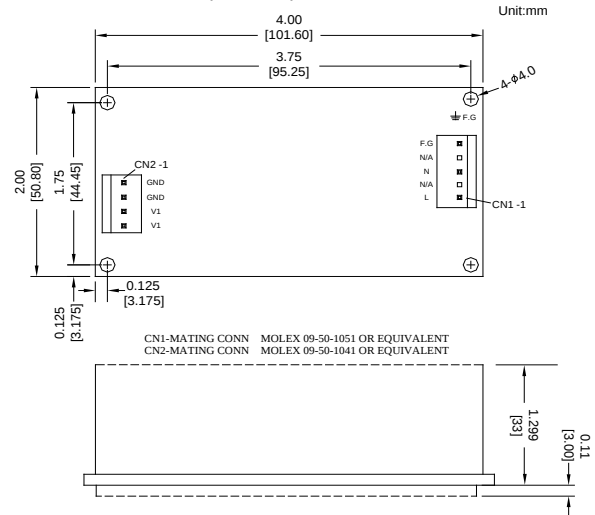
SAFETY & ENVIRONMENTAL SPECIFICATIONS

SAFETY APPROVALS REQUIRED :	Meet UL , cUL , CE , FCC
SAFETY STANDARDS	UL 60950-1 2nd , EN 60950-1
EMC EMISSION	EN55022(CISPR22) & FCC Class B.
OPERATING AMBIENT TEMP.	0 ~ 50°C

Typical Mechanical Drawing :

WP133F11-48

Case dimension (L*W*H) : 101.6*50.8*36 mm ±0.5mm



Connector (CN1) :

MOLEX 09-65-2058 (5273 SERIES) or EQU
 Mates with MOLEX 09-50-1051 (5239 SERIES) or EQU

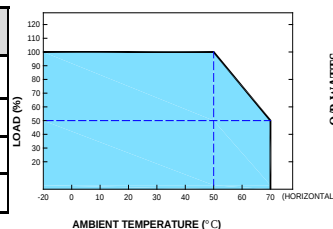
Pin	Signal
1	L
2	N/A
3	N
4	N/A
5	F.G

Connector (CN2) :

MOLEX 09-65-2048 (5273 SERIES) or EQU
 Mates with MOLEX 09-50-1041 (5239 SERIES) or EQU

Pin	Signal
1	GND
2	GND
3	+48V
4	+48V

De-rating Curve :



Peak Power Curve :

