

Features:

- ◆ High Density, High Efficiency > 90%
- ◆ Mini. Size, Low Profile 3" x 5" x 1.6"
- ◆ Low Leakage Current < 300uA @ 230Vac
- ◆ Safety Compliant With UL60950 & UL60601
- ◆ 5Vsb/2A & 12Vaux For Extra Fan Cooling
- ◆ OCP , OVP , OTP Protection
- ◆ High Power 200W/Convection , 365W/20CFM Air

Application:

POE , POS , LCD TV
Industrial Equipment
Gaming Machine

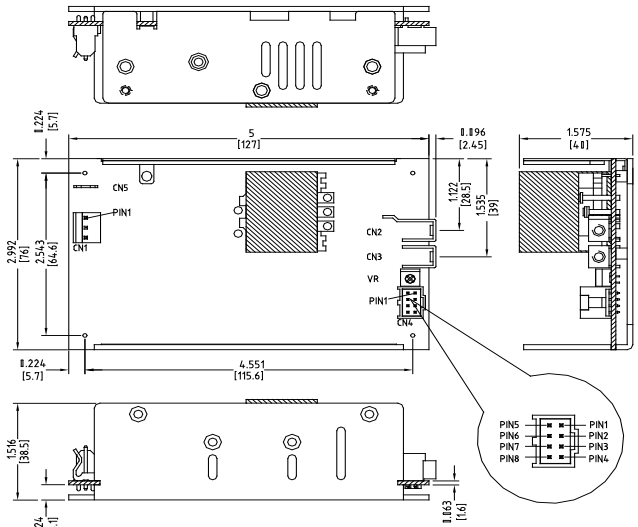
Safety Certified:



Typical Mechanical Drawing :

WP313F11-36-AB

Case dimension (L*W*H): 127*76*39 mm ±0.5mm



I/P Connector (CN1) :

MOLEX 09-65-2058 (5273 SERIES) or equivalent
Mates with (MOLEX 5239) or equivalent

Pin	Signal
1	L
2	N/A
3	N

O/P Connector (CN2,CN3) :

MATING SCREW : CN2→M4 SCREW (For V+)
CN3→M4 SCREW (For V-)

Pin	Signal
CN2	V+
CN3	V-

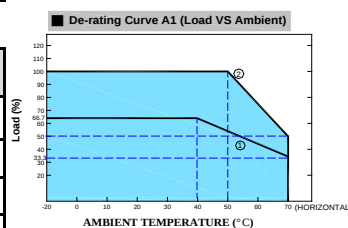
O/P Connector (CN4)

MOLEX 90130-1108 (90130 SERIES) or equivalent
Mates with (MOLEX 90142) or equivalent

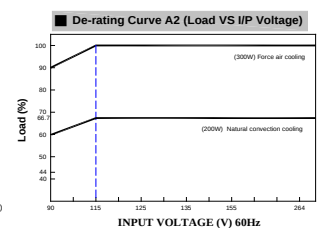
Pin	Signal	Pin	Signal
1	V2	5	P OK
2	V3-Return	6	PS ON
3	VS+	7	VS-
4	V3	8	GND

V2= +5Vsb V3= +12V Aux

De-rating Curve



Note: ① Convection (Temperature derating) [1.6% / degree 40°C to 70°C]
② Fan air (400LFM) [2.5% / degree 50°C to 70°C]



INPUT SPECIFICATIONS	
INPUT VOLTAGE	Universal Input : 90 ~ 264Vac
INPUT FREQUENCY	47 ~ 63Hz
INPUT CURRENT	4.9A/115Vac , 2.5A/230Vac
INRUSH CURRENT (Typ.)	100A/230Vac half cycle cold start
POWER FACTOR (Typ.)	PF > 0.95 / full load
EFFICIENCY (Typ.)	92%
LEAKAGE CURRENT	Leakage current < 300uA/230Vac

OUTPUT SPECIFICATIONS	
VOLTAGE	+36V
RATED LOAD(Convection)	0 ~ 5.5A
Max. LOAD(W/20CFM Airflow or Fan)	10A
RIPPLE & NOISE	360mV
REGULATION	±3%
Max. POWER	200W(Convection) / 365W(Force Air)

PROTECTION SPECIFICATIONS	
OCP: (Over Load Protection)	110 ~ 150%
OVP: (Over Voltage Protection)	39.6 ~ 46.8V
OTP: (OverTemp. Protection)	Shut down O/P voltage

GENERAL SPECIFICATIONS	
HOLD UP TIME (Typ.)	≥17mS @ 115V
REMOTE CONTROL	ON@ High or Open , Off@ Low or Shot
DC OK SIGNAL	High : 2.4 ~ 5.25V , Low : 0 ~ 4V
5Vsb & 12Vaux For External Fan	5Vsb / 1A(2A) , 12Vaux / 1A
COOLING	Convection/200W, 20CFM for 365W

SAFETY & ENVIRONMENTAL SPECIFICATIONS	
SAFETY APPROVALS REQUIRED :	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