

Features:

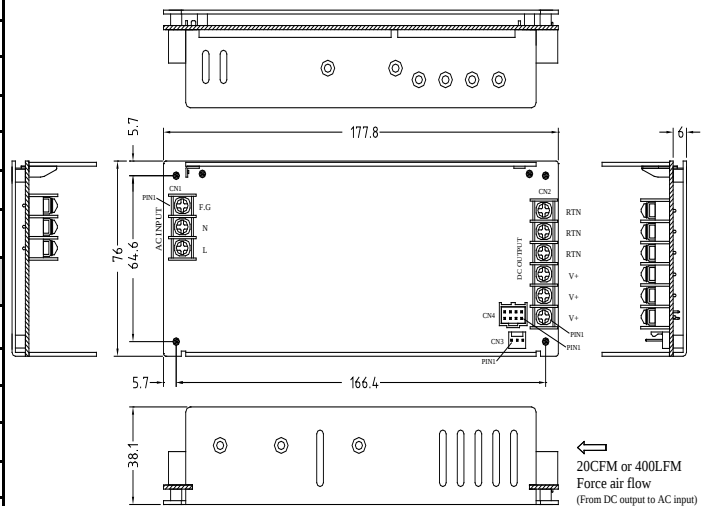
- ◆ High Density, High Efficiency > 90%
- ◆ 550W Peak Power, Low Profile 3" x 7" x 1.5"
- ◆ Low Leakage Current < 750uA @ 230Vac
- ◆ Safety Compliant With UL60950
- ◆ Remote ON-OFF , OCP, OVP, OTP Protection
- ◆ +5Vsb, +12Vaux Fan Supply, Pok, Remote Sense
- ◆ 300W Convection Cooled & 500W with 20CFM

Application:

POE , POS , LCD TV
Medical Equipment
Industrial Equipment

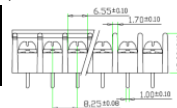
Safety Certified:**Typical Mechanical Drawing :****WP315F11-12 (Connector code→AA)**

Case dimension (L*W*H): 177.8*76*38.1 mm

**Input Connector (CN1) :**

HOWDERHD-816-3P or equivalent

Pin	Signal
1	F.G
2	N
3	L

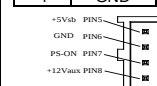
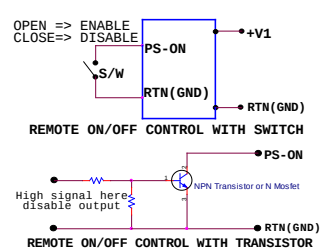
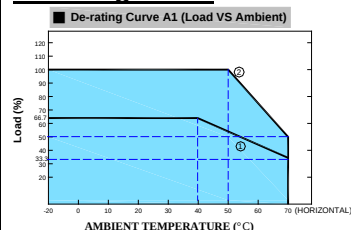
**Output Connector (CN2):**

HOWDERHD-816-6P or equivalent

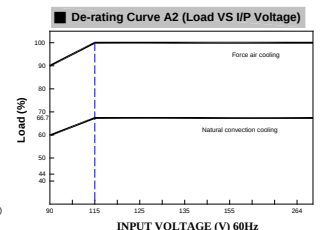
Pin	Signal	Pin	Signal
1	+12V	4	GND
2	+12V	5	GND
3	+12V	6	GND

Connector (CN4) :MOLEX 90130-1108 (90130 SERIES) or EQU
Mates with (MOLEX 90142) or EQU

Pin	Signal	Pin	Signal
1	P OK	5	+5Vsb
2	GND	6	GND
3	GND	7	PS OK
4	GND	8	+12Vaux

**P/S ON/OFF control:****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	5.5A/115Vac , 2.5A/230Vac
INRUSH CURRENT (Typ.)	100A/230Vac half cycle cold start
POWER FACTOR (Typ.)	PF > 0.95 / full load
EFFICIENCY (Typ.)	90%
LEAKAGE CURRENT	Leakage current < 750uA/230Vac

OUTPUT SPECIFICATIONS	
VOLTAGE	+12V
RATED LOAD(Convection)	0 ~ 25A
Max. LOAD(W/20CFM Airflow or Fan)	41A (10A-peak/550W)
RIPPLE & NOISE	240mV
REGULATION	±3%
Max. POWER	300W(Convection) / 500W(Force Air)

PROTECTION SPECIFICATIONS	
OCP: (Over Load Protection)	115 ~ 200%
OVP: (Over Voltage Protection)	13.2~ 15.6V
OTP: (Over Temp. Protection)	HS1 ≥115°C, Shut down O/P voltage

GENERAL SPECIFICATIONS	
HOLD UP TIME (Typ.)	≥16mS @ 115V
REMOTE CONTROL(ON-OFF)	ON @ High or Open, Off @ Low or Short
DC OK SIGNAL(P-OK)	High : 2.4 ~ 5.25V , Low : 0 ~ 0.4V
5Vsb & 12Vaux For External Fan	5Vsb/0.8A, 12Vaux./ 0.4A
COOLING	Convection/300W, 20CFM for 500W

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.	-20 ~ 70°C