

Features:

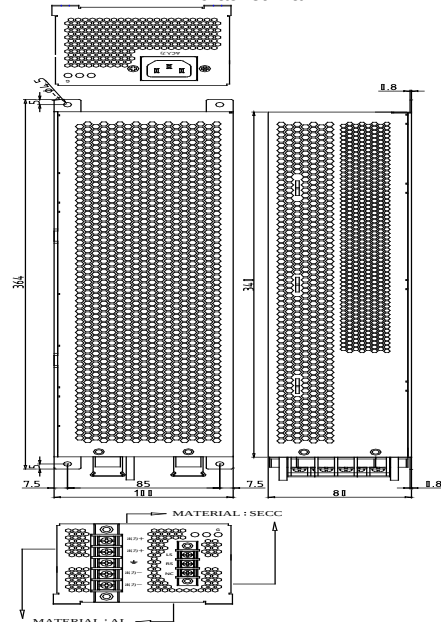
- ◆ Convection Cool, High Efficiency > 92%
- ◆ Parallel Operating $N+1=N$, $N \leq 4$
- ◆ High Power 600W/Convection
- ◆ With Fan Cooling, O/P Power > 1,000W
- ◆ 5Vsb & 12Vaux For External Fan Cooling
- ◆ OCP, OVP & OTP Protection
- ◆ Safety Compliant With UL60950

Application:

LED Lighting
Industrial Equipment

Safety Certified:**Typical Mechanical Drawing :****WP212F12-60**

Case dimension (L*W*H): 340*100*80 mm Max.
364*100*80mm with mounting bracket Max

**Input Connector (CN1) :**

HOWDER/HD-303-5PH or EQU

SPECIFICATIONS

- (1) Housing Material: Polyamide 66 (UL94V-0), Black
- (2) Screw: M4.0 Nickel Plated Steel
- (3) Terminals: Tin Plated Brass

Pin	Signal
1	出力+
2	出力+
3	FG
4	出力-
5	出力-

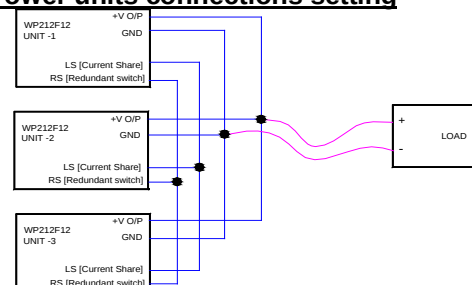
Input Connector (CN2) :

HOWDER/HD-303-2PH or EQ

SPECIFICATIONS

- (1) Housing Material: Polyamide 66 (UL94V-0), Black
- (2) Screw: M4.0 Nickel Plated Steel
- (3) Terminals: Tin Plated Brass

Pin	Signal
1	LS
2	RS
3	NC

N+1 Power units connections setting

INPUT SPECIFICATIONS	
INPUT VOLTAGE	Universal Input : 90 ~ 264Vac
INPUT FREQUENCY	47 ~ 63Hz
INPUT CURRENT	8.0A/115Vac , 4.0A/230Vac
INRUSH CURRENT (Typ.)	100A/230Vac half cycle cold start
POWER FACTOR (Typ.)	PF > 0.95 / full load
EFFICIENCY (Typ.)	93%
LEAKAGE CURRENT	Leakage current < 3.5mA/230Vac

OUTPUT SPECIFICATIONS	
VOLTAGE	+60V
RATED LOAD(Convection)	0 ~ 10A
Max. LOAD(W/20CFM Airflow or Fan)	16.5A
RIPPLE & NOISE	600mV
REGULATION	±3%
Max. POWER	600W/Convection, 1,000W w/Fan

PROTECTION SPECIFICATIONS	
OCP: (Over Load Protection)	110 ~ 150%
OVP: (Over Voltage Protection)	110 ~ 120%
OTP: (OverTemp. Protection)	HS1 ≥ 115°C, Shut down O/P voltage

GENERAL SPECIFICATIONS	
HOLD UP TIME (Typ.)	≥ 17mS @ 115V
REMOTE CONTROL	ON@ High or Open, Off@ Low or Short
DC OK SIGNAL	PSU turn on: 3.3 ~ 5.6V, PSU turn off: 0 ~ 1V
5Vsb & 12Vaux For External Fan	5Vsb/1A(2A), 12Vaux./ 1A
COOLING	Convection/300W, 20CFM for 450W

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