

**Features:**

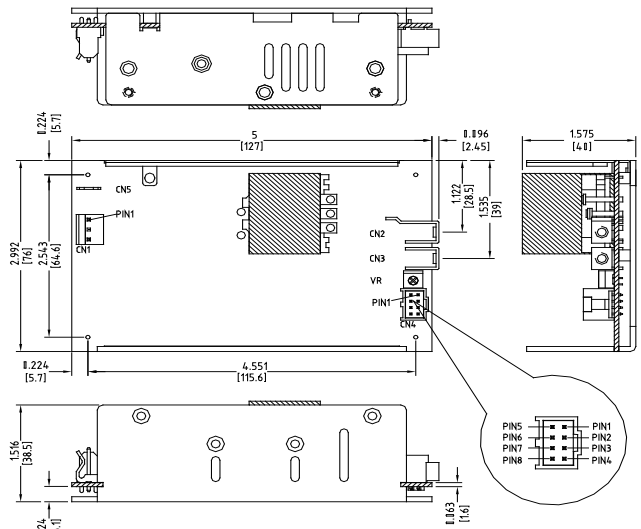
- ◆ High Density, High Efficiency > 90%
- ◆ Mini. Size, Low Profile 3" x 5" x 1.6"
- ◆ Low Leakage Current < 300uA @ 230Vac
- ◆ Safety Compliant With UL60950 & UL60601
- ◆ 5Vsb/2A & 12Vaux For Extra Fan Cooling
- ◆ OCP , OVP , OTP Protection
- ◆ High Power 200W/Convection , 365W/20CFM Air

**Application:**

POE , POS , LCD TV  
Industrial Equipment  
Gaming Machine

**Safety Certified:****Typical Mechanical Drawing :****WP313F11-12-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      |

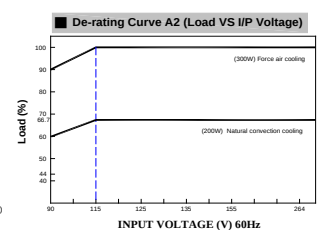
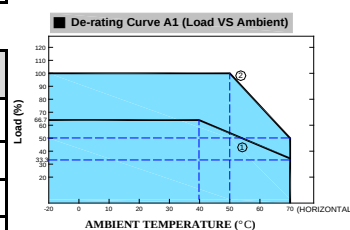
**O/P Connector (CN2,CN3) :**MATING SCREW : CN2→M4 SCREW (For V+)  
CN3→M4 SCREW (For V-)

| 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****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.)     | 90%                               |
| LEAKAGE CURRENT       | Leakage current < 300uA/230Vac    |

**OUTPUT SPECIFICATIONS**

|                                   |                                    |
|-----------------------------------|------------------------------------|
| VOLTAGE                           | +12V                               |
| RATED LOAD(Convection)            | 0 ~ 16.7A                          |
| Max. LOAD(W/20CFM Airflow or Fan) | 30.4A                              |
| RIPPLE & NOISE                    | 120mV                              |
| REGULATION                        | ±3%                                |
| Max. POWER                        | 200W(Convection) / 365W(Force Air) |

**PROTECTION SPECIFICATIONS**

|                                 |                       |
|---------------------------------|-----------------------|
| OCP: ( Over Load Protection)    | 110 ~ 150%            |
| OVP: ( Over Voltage Protection) | 13.2 ~ 15.6V          |
| 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                        |