

## APS-120-24 (24V, 5A, 120W)

### Features:

- Constant voltage design
- Universal AC input/Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short Circuit/Over current/Over voltage
- Cooling by free air convection
- Pass LPS
- Suitable for LED lighting and moving sign applications
- 100% full load burn-in test
- Low cost, high reliability



### Parameters:

|             |                       |  |
|-------------|-----------------------|--|
| OUTPUT      | DC VOLTAGE            | 24V  |
|             | RATED CURRENT         | 5A   |
|             | CURRENT RANGE         | 0~5A   |
|             | RATED POWER           | 120W   |
|             | RIPPLE&NOISE(MAX)     | 120mVp-p   |
|             | VOLTAGE TOLERANCE     | ±5%  |
|             | LINE REGULATION       | ±1%  |
|             | LOAD REGULATION       | ±2%  |
|             | SETUP,RISE TIME       | 500ms,30ms/230VAC  |
|             | HOLD UP TIME(Typ.)    | 30ms/230VAC  |
| INPUT       | VOLTAGE RANGE         | 85-265VAC  |
|             | FREQUENCY RANGE       | 47-63Hz  |
|             | EFFICIENCY(Typ)       | 85%  |
|             | AC CURRENT            | 1.2A/230VAC  |
|             | INRUSH CURRENT(MAX)   | COLD START: 45A/230VAC   |
|             | LEAKAGE CURRENT       | 0.25mA/240VAC  |
| PROTECTION  | OVERLOAD              | 110-150% rated output power  |
|             |                       | Protection type: Hiccup model, recovers automatically after fault condition is removed |
|             | OVER VOLTAGE          | 27.6-32.4V<br>protection type: Shut down o/p voltage, re-power on to recover           |
| ENVIRONMENT | WORKING TEMP.         | —30°C ~ +70°C  |
|             | WORKING HUMIDITY      | 20% ~ 90%RH non-condensing   |
|             | STORAGE TMP.,HUMIDITY | —40°C ~ +80°C, 10-95%RH  |
|             | TEMP.COEFFICIENT      | ±0.03%/°C(0-50°C)  |
|             | VIBRATION             | 10-500HZ,2G 10Mins /1cycle,period for 60mins,each along X,Y,Z axes                     |
| OTHERS      | SIZE                  | 129*98*40  |