

## APS-100M-12 (12V, 8.3A, 100W)



### Features:

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

### Parameters:

OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	8.3A
	CURRENT RANGE	0~8.3A
	RATED POWER	100W
	RIPPLE&NOISE(MAX)	120mVp-p
	VOLTAGE TOLERANCE	±5%
	LINE REGULATION	±1%
	LOAD REGULATION	±2%
	SETUP,RISE TIME	200ms 50ms,20ms
	HOLD UP TIME(Typ.)	50ms/230VAC
INPUT	VOLTAGE RANGE	85-265VAC
	FREQUENCY RANGE	47-63Hz
	EFFICIENCY(Typ)	83%
	AC CURRENT	1.2A/230VAC
	INRUSH CURRENT(MAX)	COLD START: 70A/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	13.8-16.2V 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	112*88*34