

## APS-250-12 (12V, 20.8A, 250W)



### 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	12V
	RATED CURRENT	20.8A
	CURRENT RANGE	0~20.8A
	RATED POWER	250W
	RIPPLE&NOISE(MAX)	150mVp-p
	VOLTAGE TOLERANCE	±5%
	LINE REGULATION	±1%
	LOAD REGULATION	±2%
	SETUP,RISE TIME	1000ms,50ms/230VAC
	HOLD UP TIME(Typ.)	20ms/230VAC
INPUT	VOLTAGE RANGE	170-265VAC
	FREQUENCY RANGE	47-63Hz
	EFFICIENCY(Typ)	85%
	AC CURRENT	2.5A/230VAC
	INRUSH CURRENT(MAX)	COLD START: 55A/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 60 mins, each along X,Y,Z axes
OTHERS	SIZE	159*99*49