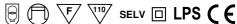




## Features:

- Constant current design
- Universal AC input / Full range
- Protections:Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- 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
- 2 years warranty

## **SPECIFICATION**



SPECIFICATION  MODEL		ADC 42 250	ARC 42 700	
MODEL		APC-12-350	APC-12-700	
ОИТРИТ	RATED CURRENT	350mA	700mA	
	DC VOLTAGE RANGE	9~36V	9~18V	
	RATED POWER	12.6W	12.6W	
	RIPPLE & NOISE (max.) Note.2		250mVp-p	
	VOLTAGE TOLERANCE Note.3			
	CURRENT ACCURACY	±5.0%		
	LINE REGULATION	±1.0%		
	LOAD REGULATION	±3.0%		
	SETUP, RISE TIME	3000ms, 180ms / 230VAC 3000ms, 150ms / 115VAC at full load		
	HOLD UP TIME (Typ.)	20ms/230VAC,15ms/115VAC at full load		
INPUT	VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	EFFICIENCY(Typ.)	82%	80%	
	AC CURRENT	0.2A/230VAC;0.35A/115VAC		
	INRUSH CURRENT(max.)	Cold start 35A/115VAC,70A/230VAC		
	LEAKAGE CURRENT	0.25mA / 240VAC		
PROTECTION	OVER VOLTAGE	39.6~ 46.8V	20.7~ 24.3V	
		Protection type: Shut off o/p voltage, clamping by zener diode		
ENVIRONMENT	WORKING TEMP.	-30 ~ 70°C (Refer to "Derating Curve")		
	WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH		
	TEMP. COEFFICIENT	±0.2%/°C (0 ~ 50°C)		
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes		
SAFETY & EMC (Note 5)	SAFETY STANDARDS	Design refer to TUV EN60950-1, EN61347-2-13, UL8750		
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC		
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH		
	EMC EMISSION	Compliance to EN55015,EN61000-3-2 Class A,EN61000-3-3		
	EMC IMMUNITY	Compliance to EN61547,EN61000-4-2,3,4,5,6,8,11; light industry leve	el(surge 2KV), criteria A	
OTHERS	MTBF	1145.7K hrs min. MIL-HDBK-217F (25 )		
	DIMENSION	77*40*29(L*W*H)		
	PACKING	0.08Kg; 120pcs/11.8Kg/0.93CUFT		
NOTE	Ripple & noise are measure     Tolerance : includes set up     Derating may be needed up     The power supply is consider.	T specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.  The measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.  The set up tolerance, line regulation and load regulation.  The set up tolerance, line regulation and load regulation.  The set up tolerance in the set of the static characteristic for more details.  The set up tolerance is a component that will be operated in combination with final equipment. Since EMC performance will be affected by the son, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.		



