

POWERLD

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 SWITCHING POWER SUPPLY
 ISO-9001 CERTIFIED MANUFACTURER

ADP-U5S12

- * **LOW COST, HIGH RELIABILITY**
- * **100% FULL LOAD BURN IN TEST**
- * **OVER CURRENT PROTECTION**
- * **CONTINUOUS SHORT CIRCUIT PROTECTION**
- * **NO MINIMUM LOAD REQUIRED**
- * **HIGH EFFICIENCY, LOW WORKING TEMPERATURE**

SPECIFICATION All specification are typical at nominal input , full load at 25 unless otherwise stated

INPUT	Input Voltage Range	100Vac~240Vac
	Input Frequency (Hz)	47Hz~63Hz
	Efficiency (%)	70% typ.
	Inrush Current	<20A@110Vac,<40A@220Vac
	Input Current	<0.25A
OUTPUT	Output Voltage	V1 12V
	Load Current	0~0.41A
	Line Regulation	±0.5%
	Load Regulation	±3.0%
	Ripple & Noise (mVp-p)	0 ~ 20MHz < 120mV
	Temp. coefficient	± 0.03%/
	Adjusted Voltage	11.76V~12.24V
	Start-up Time	<2.0S@110Vac , <1.0S@220Vac
	Hold-up Time	>10mS@110Vac , >20mS@220Vac
	Output Power	5W
PROTECTION FUNCTION	Over Current Protection	105% ~ 250% , power constant
	Short Circuit Protection	Auto recovery
ISOLATION	Primary to Secondary	3.0KVAC/min, Cutoff curren < 10mA
	Primary to P.G	/
	Secondary to P.G	/
ISOLATION RESISTANCE	Primary to Secondary	=100MO
	Primary to P.G	/
	Secondary to P.G	/
CONFIGURATION	Length×Width×Height	74×50×28 (mm)
	Cooling method	convection
ENVIRONMENT	Operating temp.&humidity	0 ~ 45 , 20% ~ 90% RH
	Storage temp.&humidity	-25 ~ 85 , 10% ~ 95% RH
PICTURE		