



POWERLD

SWITCHING POWER SUPPLY
ISO-9001 CERTIFIED MANUFACTURER

LPC-H20S14

- * **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		200Vac~240Vac
	Rated Input Voltage		220Vac
	Input Frequency (Hz)		47Hz~63Hz
	Efficiency (%)		65% typ.
	Inrush Current		<40A (Cold Start)
	Input Current		<0.25A
OUTPUT	Output Voltage		V1
			14V
	Load Current		0~1.4A
	Line Regulation		±0.5%
	Load Regulation		± 2.0%
	Ripple & Noise (mVp-p)	0 ~ 20MHz	< 80mV
	Temp. coefficient		± 0.03%/
	Start-up Time		< 1.0S at 220Vac input
	Hold-up Time		>20mS at 220Vac input
PROTECTION FUNCTION	Output Power		20W
	Over Current Protection		105%~200%,auto recovery
	Short Circuit Protection		Auto recovery
ISOLATION	Primary to Secondary		1.5KVAC/min, Cutoff current<10mA
	Primary to P.G		1.5KVAC/min, Cutoff current<10mA
	Secondary to P.G		0.5KVDC/min, Cutoff current<10mA
ISOLATION RESISTANCE	Primary to Secondary		≥ 100MO
	Primary to P.G		≥ 100MO
	Secondary to P.G		≥ 100MO
CONFIGURATION	Length× Width× Height		115×49×27(mm)
	Cooling method		convection
ENVIRONMENT	Operating temp.&humidity		0 ~ 45 , 20% ~ 90% RH
	Storage temp.&humidity		-25 ~ 85 , 10% ~ 95% RH
PICTURE	/		