

# SYS 1319


# Desktop

# 5~30W

Country of Origin: China

Operating Temperature: 0 °C to 40 °C

Dimensions: 86.5 x 47 x 33 mm

Efficiency Level: 

Approvals / Marks:



**GREEN MODE**



**T2**  
IEC320-C8

**T3**  
IEC320-C14

### Features:

Universal Range AC 90 V to 264 V / 47 Hz to 63 Hz

Overload, Overvoltage & Short Circuit Protection

1 Year Warranty

Available With IEC320-C8 (T2) or IEC320-C14 (T3) Inlet

### Specification:

	MODEL	Voltage	Min. Load	Max. Load	Tolerance	Ripple & Noise	Efficiency Level	Max. Power
OUTPUT	SYS1319-0505	5 V	0 A	1 A	± 5 %	50 mV p-p	V	5 W
	SYS1319-1005	5 V	0 A	2 A	± 5 %	50 mV p-p	V	10 W
	SYS1319-1505	5 V	0 A	3 A	± 5 %	50 mV p-p	V	15 W
	SYS1319-2106	6 V	0 A	3.50 A	± 5 %	60 mV p-p	V	21 W
	SYS1319-3012	12 V	0 A	2.5 A	± 5 %	120 mV p-p	V	30 W
	SYS1319-3015	15 V	0 A	2 A	± 5 %	150 mV p-p	V	30 W
	SYS1319-3016	16 V	0 A	1.87 A	± 5 %	160 mV p-p	V	30 W
	SYS1319-3018	18 V	0 A	1.66 A	± 5 %	180 mV p-p	V	30 W
	SYS1319-3019	19 V	0 A	1.57 A	± 5 %	200 mV p-p	V	30 W
	SYS1319-3020	20 V	0 A	1.5 A	± 5 %	200 mV p-p	V	30 W
	SYS1319-3024	24 V	0 A	1.25 A	± 5 %	240 mV p-p	V	30 W
INPUT	Voltage	AC 90 V to 264 V						
	Frequency	47 Hz to 63 Hz						
	Current (rms max)	1 A at AC low line input and DC output full load						
	Leakage Current	< 0.25 mA						
	Surge Current	< 60 A @ AC 230 V / < 40 A @ AC 115 V						
PROTECTION	Overload	> 120 % Fold back						
	Overvoltage	> 105 % Voltage limiting						
	Short Circuit	Yes, Output to Ground, Auto recovery when fault has been removed						
	Input	1.6 A fuse against power line surges and any abnormal conditions						
	No Load Operation	Yes, to protect the power supply and system from damage						
OTHERS	Setup time	3 s max. @ AC low line Input and Output full load						
	Holdup time	10 ms @ AC nominal Input and Output full load						
	Cooling	Free air convection						
	Withstand Voltage	HI-POT B : I/P-O/P (FG): AC 3 kV / 10 mA / 1 minute						
	Power Consumption	Max. 75 W @ AC nominal Input and Output min. load						
Environment	Temperature	Operating: 0 °C to 40 °C / Storage: -20 °C to 85 °C						
	Humidity	Operating: 8 % RH to 90 % RH / Storage: 5 % RH to 95 % RH						
Connection	Output	DC Plug: 5.5 x 2.1 x 11 mm (spring loaded center) or customer requirement / Cable: 180 cm (6 ft.)						
	Input	IEC320-C8 (T2 series) / IEC320-C14 (T3 series)						
MTBF	> 50k hours							
SAFETY	TÜV GS (EN 60950-1:2001+A11) / CE / CB (IEC 60950-1:2001) / UL Listed / PSE (J60950:H16 / J55022:H14) / S-Mark (IEC 60950-1:2001) /							
EMC	EMI	EN55022 Class B (2006), EN 61000-3-2 (2006), EN 61000-3-3 (1995) + A1 (2001) + A2 (2005)						
	EMS	EN55024 (1998) + A1 (2000) + A2 (2003): IEC 61000-4-2 (2001), IEC 61000-4-3 (2002), IEC 61000-4-4 (2004), IEC 61000-4-5 (2001), IEC 61000-4-6 (2003) + A1 (2004), IEC 61000-4-8 (2001), IEC 61000-4-11 (2004)						
WEIGHT	N.W.: 0.20 kg							

Specifications subject to change without notice

