


SYS1421

Plug-in

3~6W

Country of Origin: China
 Operating Temperature: 0 °C to 40° C
 Dimensions: 64 x 25.5 x 48.5 mm
 Efficiency Level: 
 Approvals / Marks:



GREEN MODE



Features:

Wide range AC 90 V to 264 V / 47 to 63 Hz
 Output connector: 5.5 x 2.1 x 11 mm. USB output socket also available.
 Overload, Overvoltage & Short Circuit protection
 1 Year Warranty

Specification:

		MODEL	Voltage	Min. Load	Max. Load	Tolerance	Ripple & N.	Efficiency Level	Max. Power
OUTPUT		SYS1421-0305	5 V	0 A	0.5 A	± 5 %	150 mV p-p	V	3 W
		SYS1421-0405	5 V	0 A	0.8 A	± 5 %	150 mV p-p	V	4 W
		SYS1421-0505	5 V	0 A	1.0 A	± 5 %	150 mV p-p	V	5 W
		SYS1421-0605	5 V	0 A	1.2 A	± 5 %	150 mV p-p	V	6 W
		SYS1421-0612	12 V	0 A	0.5 A	± 5 %	150 mV p-p	V	6 W
INPUT	Voltage	AC 90 V to 264 V							
	Frequency	47 Hz to 63 Hz							
	Current	0.5 A @ AC 230 V							
	Leakage Current	< 0.25 mA							
	Surge Current	60 A @ AC 230 V and 25 °C ambient temperature							
PROTECTION	Overload	OCP	2.0 to 3.5 A, auto recovery						
	Over Voltage	OVP	12 V ± 4 V voltage limiting						
	No Load Operation	Yes, to protect the power supply and system from damage							
OTHERS	Holdup time	8 ms @ AC nominal Input and output full load							
	Cooling	Free air convection							
	Withstand Voltage	HI-POT B / IEC320 2pin primary to secondary AC 3000 V at 10 mA for 1 minute							
	Power Consumption	max. 0.3 W rms @ 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	Input	Standard input plug: Europlug (CEE 7/16). Also available: GB, US, CN, AU – please refer to the drawing.							
	Output	Standard plug: 5.5 x 2.1 x 11 mm (spring loaded center '+') / Cable: 137 cm / USB connector available							
MTBF	> 50k hours full rated operation at 25 °C (acc. to MIL-HDBK-217F)								
SAFETY	CB (IEC 60950-1:2005) TÜV GS (EN 60950-1:2006+A11) CE UL c-UL CCC PSE C-Tick RCM								
EMC	EMI	EN 55022:2006+A1 Class B EN 61000-3-2:2006 EN 61000-3-3:2008							
	EMS	EN 55024:1998+A1+A2							
WEIGHT	N.W.: 50 g (with USB socket) 70 g (with output cable)								

Specifications subject to change without notice

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