

YS5M SERIES



Input: 100-240VAC 50/60Hz
Output Voltage: 5V-36V DC
Rated Power: 5W max

Features

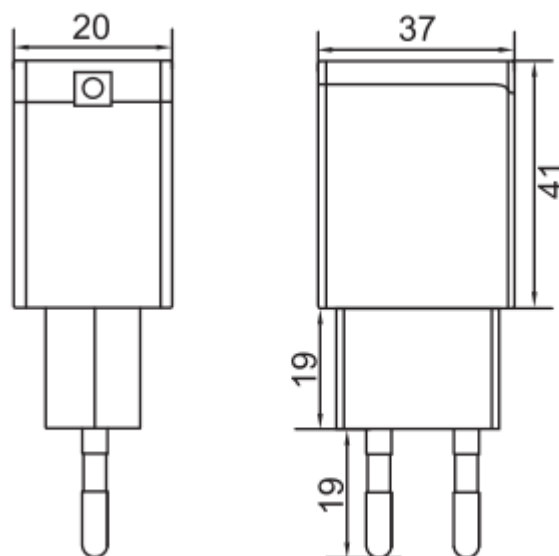
Univeral AC input/ Full range
Energy efficiency level VI
Leakage Current: < 0.1mA
Extremely low leakage current
Protection:Over load/Over voltage/Short circuit
Withstand voltage : 4KV
Life Warranty: 3 years

Application

Digital equipment
Electric curtains
Kitchen appliances
Household appliances



■ Dimensions and Installation

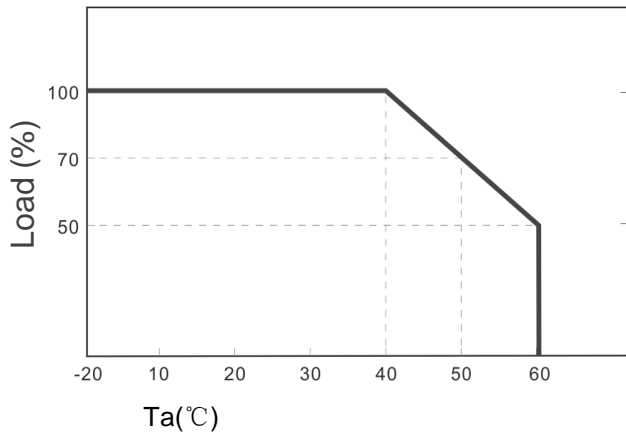


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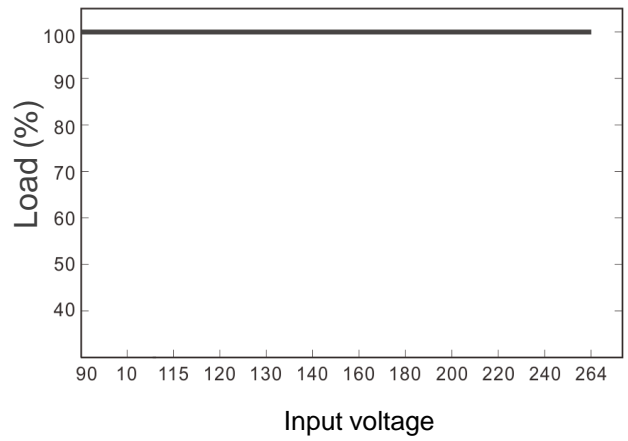
MODEL DETAIL SPEC.		YS5M-0501000	YS5M-0600830	YS5M-0750660	YS5M-0900550	YS5M-1200410	YS5M-2400200
INPUT	Input Voltage range:	90-264VAC					
	Input Frequency:	50/60Hz					
	Inrush Current:	65A/230VAC					
	AC Current:	0.2A/230VAC					
	Leakage Current:	< 0.1mA/240VAC					
	Efficiency:	75%	75%	75%	78%	79%	79%
OUTPUT	DC Voltage:	5V	6V	7.5V	9V	12V	24V
	Rated Current:	1A	0.83A	0.66A	0.55A	0.41A	0.2A
	Rated Power:	5W	5W	5W	5W	5W	4.8W
	Voltage Tolerance:	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%
	Ripple and Noise:	75mVp-p	75mVp-p	75mVp-p	90mVp-p	120mVp-p	200mVp-p
	Line Regulation:	±3%					
	Load Regulation:	±5%	±5%	±5%	±5%	±5%	±5%
	Setup, Rise, Hold Up time:	1000ms, 30ms/25ms 230VAC at full load					
ENVIRONMENTAL	Operating Temperature:	-20 ~ +60 (Refer to "Derating Curve")					
	Storage Temp:	-40°C ~ 85°C					
	Storage Humidity:	10 ~ 95% RH					
	Working Humidity:	20 ~ 95% RH non-condensing					
PROTECTION	Over Load:	Above 110-180% rated output power					
		Protection type: Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage:	>120% rated output power					
		Protection type: Shut down o/p voltage, re-power on to recover					
Short Circuit :	Shut down o/p voltage, re-power on to recover						
SAFETY & EMC	Safety Regulations:	TUV ,EN60601-1					
	Withstand Voltage:	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC					
	Isolation Resistance:	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH					
	EMC Emission:	Compliance to EN55032 (CISPR32), Class B, EN61000-3-2,-3,					
	EMC Immunity:	EN61000-4-2,3,4,5,6,8,11					
OTHER	MTBF:	100Khrs min. MIL-HDBK-217F(25°C)					
	Size:	58*26*35mm					
	Weight:	70g / pcs					
	Packaging:	100PCS/CTN					

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Deduction curve and temperature



Minus output and input voltage curves



Functional Diagram

