

YS16V (USB-C)



Input: 100-240VAC 50/60Hz
Output Voltage: 5V DC
Rated Power: 15W max

Features

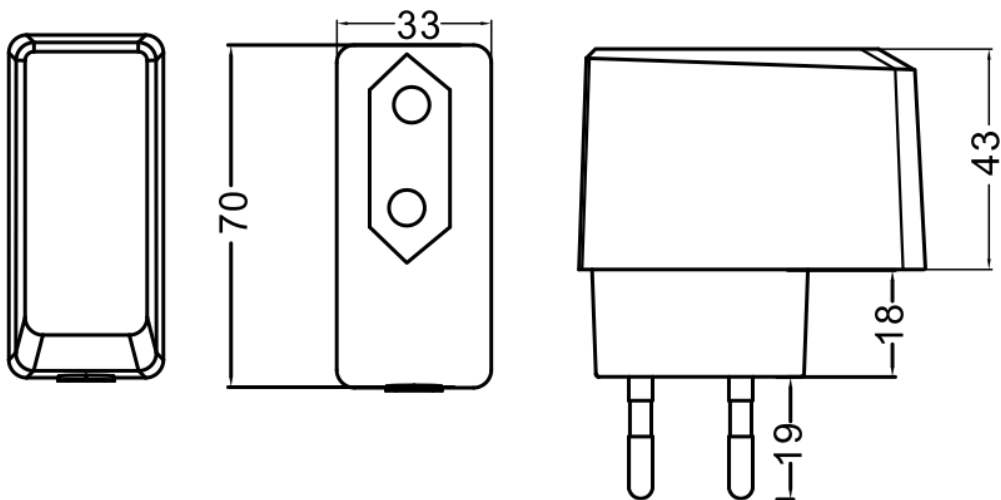
Univeral AC input/ Full range
Energy efficiency level VI
Leakage Current: < 0.25mA
Extremely low leakage current
Protection:Over load/Over voltage/Short circuit
Withstand voltage : 3KV
Life Warranty: 3 years

Application

Digital equipment
Electric curtains
Kitchen appliances
Household appliances



■ Dimensions and Installation



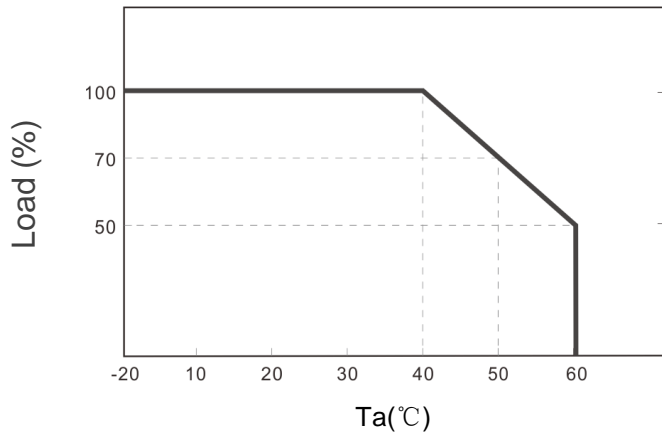
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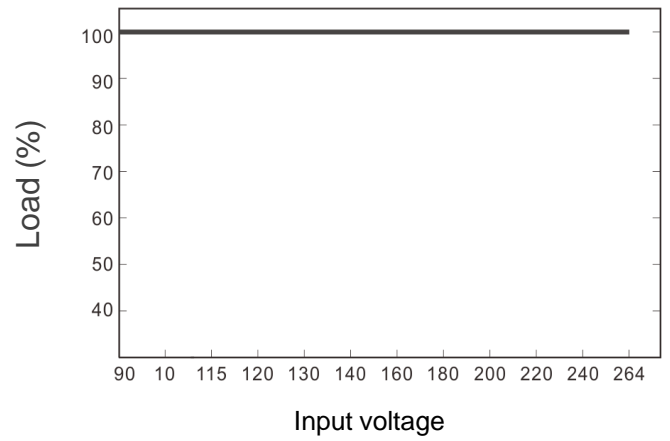
MODEL DETAIL SPEC.		YS16V-0503000 (USB-C)
INPUT	Input Voltage range:	90-264VAC
	Input Frequency:	50/60Hz
	Inrush Current:	50A/230VAC
	AC Current:	0.4A/230VAC
	Leakage Current:	< 0.25mA/240VAC
	Efficiency:	82%
OUTPUT	DC Voltage:	5V
	Rated Current:	3A
	Rated Power:	15W
	Voltage Tolerance:	±5.0%
	Ripple and Noise:	75mVp-p
	Line Regulation:	±3%
	Load Regulation:	±5%
	Setup, Rise, Hold Up time:	3000ms, 60ms/10ms 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:	110-140% 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:	EN62368-1
	Withstand Voltage:	I/P-O/P:3KVAC 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:	EN55032 (CISPR32), Class B, EN61000-3-2,-3,
	EMC Immunity:	EN/EN61000-4-2,3,4,5,6,8,11
OTHER	MTBF:	100Khrs min. MIL-HDBK-217F(25°C)
	Size:	70*33*80mm
	Weight:	120g / pcs
	Packaging:	100PCS/CTN

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Deduction curve and temperature



Minus output and input voltage curves



■ **Functional Diagram**

Standard plug: USB type C

