

**YS18V SERIES**



Input: 100-240VAC 50/60Hz  
 Output Voltage: 5V-36V DC  
 Rated Power: 30W max

**Features**

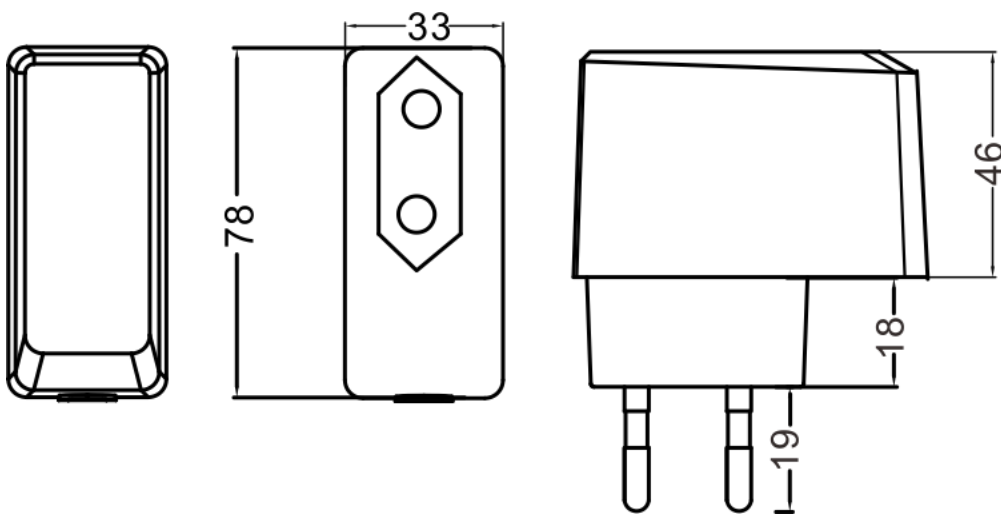
Univeral AC input/ Full range  
 Energy efficiency level VI  
 Leakage Current: < 0.25mA  
 Extremely low leakage current  
 Protection: Over load/Over voltage/Short circuit  
 Withstand voltage : 3KV  
 Life Warranty: 3 years

**Application**

Digital equipment  
 Electric curtains  
 Kitchen appliances  
 Household appliances



**■ Dimensions and Installation**



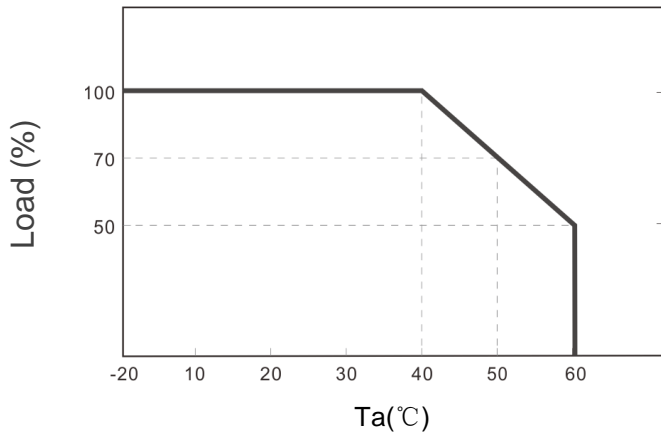
YS18V-E

**YS18V SERIES**

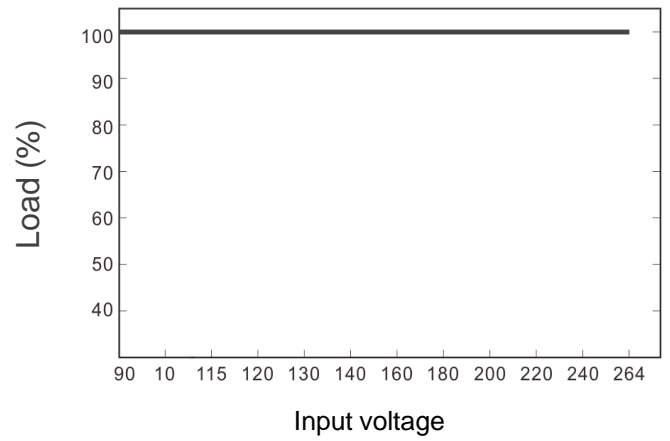
MODEL DETAIL SPEC.		YS18V-0503500	YS18V-0902500	YS18V-1202000	YS18V-1202500	YS18V-2401000	YS18V-3600600
INPUT	Input Voltage:	90-264VAC					
	Input Frequency:	50/60Hz					
	Inrush Current:	65A/230VAC					
	AC Current:	0.7A/230VAC					
	Leakage Current:	< 0.25mA/240VAC					
	Efficiency:	83%	86%	86%	87%	86.8%	87%
OUTPUT	DC Voltage:	5V	9V	12V	12V	24V	36V
	Rated Current:	3.5A	2.5A	2A	2.5A	1A	0.6A
	Rated Power:	17.5W	22.5W	24W	30W	24W	21.6W
	Voltage Tolerance:	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%
	Ripple and Noise:	75mVp-p	90mVp-p	120mVp-p	120mVp-p	240mVp-p	300mVp-p
	Line Regulation:	±3%					
	Load Regulation:	±5%	±5%	±5%	±5%	±5%	±5%
	Setup, Rise, Hold Up time:	3000ms, 30ms/120ms 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:	TUV, 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, BS EN/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:	78*36*83mm					
	Weight:	130g / pcs					
	Packaging:	100PCS/CTN					

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**Deduction curve and temperature**



**Minus output and input voltage curves**



**Functional Diagram**

