

YS35V SERIES



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

Features

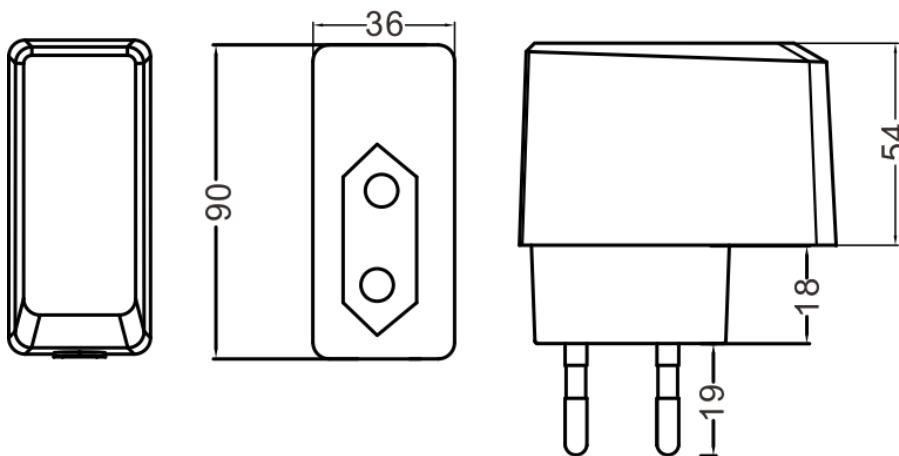
Univeral AC input/ Full range
Energy efficiency level VI
Leakage Current: < 0.25mA
Extremely low leakage current
Protection:Over load/Over voltage/Short circuit
Withstand voltage : 3KV
Life Warranty: 3 years

Application

Digital equipment
Electric curtains
Kitchen appliances
Household appliances



■ Dimensions and Installation



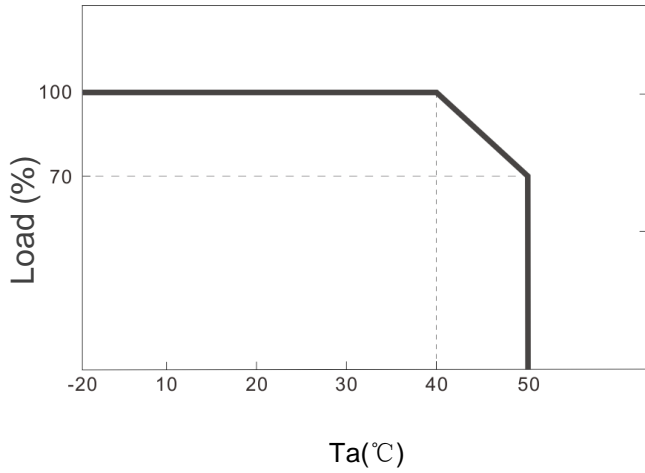
YS35V-E

YS35V SERIES

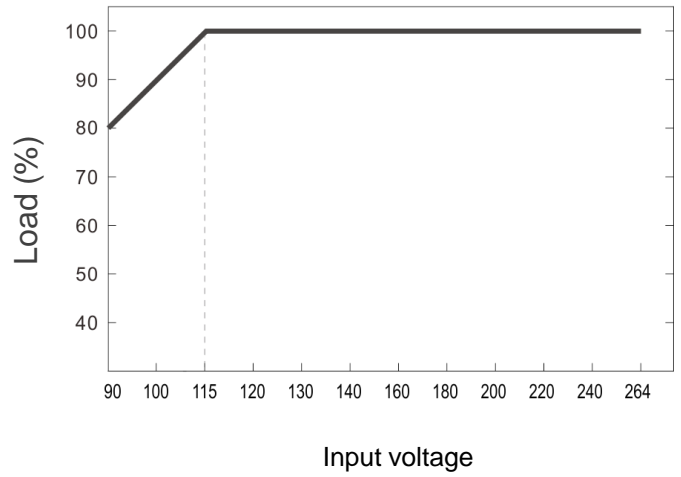
MODEL DETAIL SPEC.		YS35V-0504000	YS35V-0704000	YS35V-0904000	YS35V-1203000	YS35V-2401500	YS35V-3601000
INPUT	Input Voltage range:	90-264VAC					
	Input Frequency:	50/60Hz					
	Inrush Current:	70A/230VAC					
	AC Current:	1.2A/230VAC					
	Leakage Current:	< 0.25mA/240VAC					
	Efficiency:	84%	87%	88%	88%	88%	88%
OUTPUT	DC Voltage:	5V	7V	9V	12V	24V	36V
	Rated Current:	4A	4A	4A	3A	1.5A	1A
	Rated Power:	20W	28W	36W	36W	36W	36W
	Voltage Tolerance:	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%
	Ripple and Noise:	75mVp-p	75mVp-p	90mVp-p	120mVp-p	200mVp-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:	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:	90*36*91mm					
	Weight:	150g / pcs					
	Packaging:	50PCS/CTN					

YS35V SERIES

Deduction curve and temperature



Minus output and input voltage curves



■ **Functional Diagram**

