

# SPECIFICATION

## High Quality Switching Wallmount Adapter

Universal AC Input  
12W 12VDC 1.0A Output



**P/N: W120010YY-US**

**\*\* Specification Approval\*\***

This specification (total 7 pages including cover page) is approved in it's entirety by:

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Company Name

Print Name

Signature

Date



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## 1.0 Scope

This specification defines the performance characteristics for a class 2, single-output power adapter.

## 2.0 Input

AC Input voltage rating	100Vac to 240Vac
AC Input voltage range	90Vac to 264Vac
AC Input frequency range	47Hz to 63Hz
Max. In-rush current	30A for 100Vac at full load 75A for 240Vac at full load
Input current	0.5A Max @ 90V/60Hz full load
Standby power	0.3W Max @ 254V/50Hz no load

## 3.0 Output

Output voltage	+12V
Output voltage tolerance	+/-0.6V
Min load current	0 mA
Max load current	1000 mA
Line regulation	+/-1%
Load regulation	+/-5%
Ripple & Noise	100mVp-p (max)

## 4.0 Performance

Total output power	12W typical
Efficiency	70% min.@100~240Vac 50/60Hz with full load
Hold up time	10m sec.min.@ 100Vac/60Hz with full load
Turn on delay time	3sec.max.@ 100Vac/60Hz with full load
Switching frequency	65K Hz typical

## 5.0 Protection

Over-voltage	Output shut down when output voltage exceeds
Over-current	Output shut down(Auto restart)when output voltage exceeds
Short circuit	Output shut down (Auto restart)
Over-temperature	Output shut down when case face temperature exceeds 65°C

## 6.0 Environmental

Operation temperature	0°C to +40°C
Operation humidity	20% to 90% R.H.
Storage temperature	-20°C to +75°C
Storage humidity	0% to 90% R.H.

## 7.0 Safety

	Country	Certified Status	Standard
UL	USA	approval	UL 60950
FCC	USA	approval	FCC part 15
CE	Europe	approval	EN60950/EN55022

## 8.0 Hi-pot

Primary to Secondary

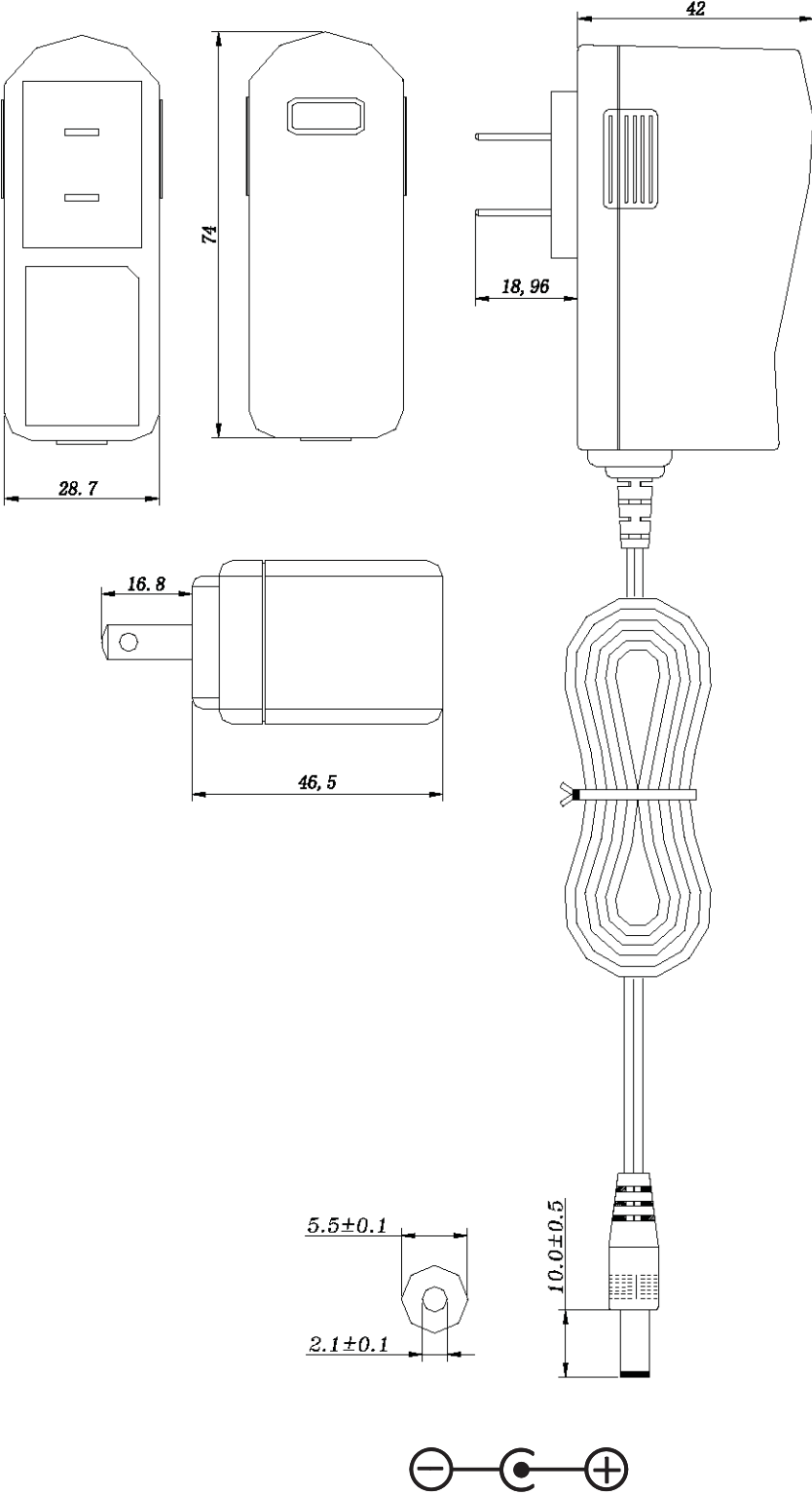
3000Vac 10mA/min

## 9.0 Insulation

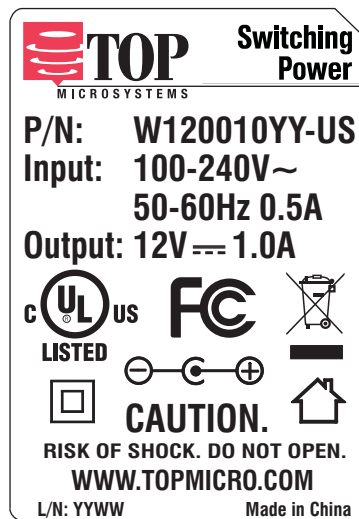
Input to Output

DC 500V 10M ohm min

# 10.0 Mechanical Drawing



# 11.0 Label



# 12.0 Packing

