

SPECIFICATION

High Quality Switching Wallmount Adapter

Universal AC Input
14.4W 12VDC 1.2A Output



P/N: W120012YY-US

**** SpecificationApproval****

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

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	+12Vdc
Output voltage tolerance	+/-0.6V
Min load current	0 mA
Max load current	1200 mA
Line regulation	+/-1%
Load regulation	+/-5%
Ripple & Noise	100mVp-p (max)

4.0 Performance

Total output power	14.4W 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

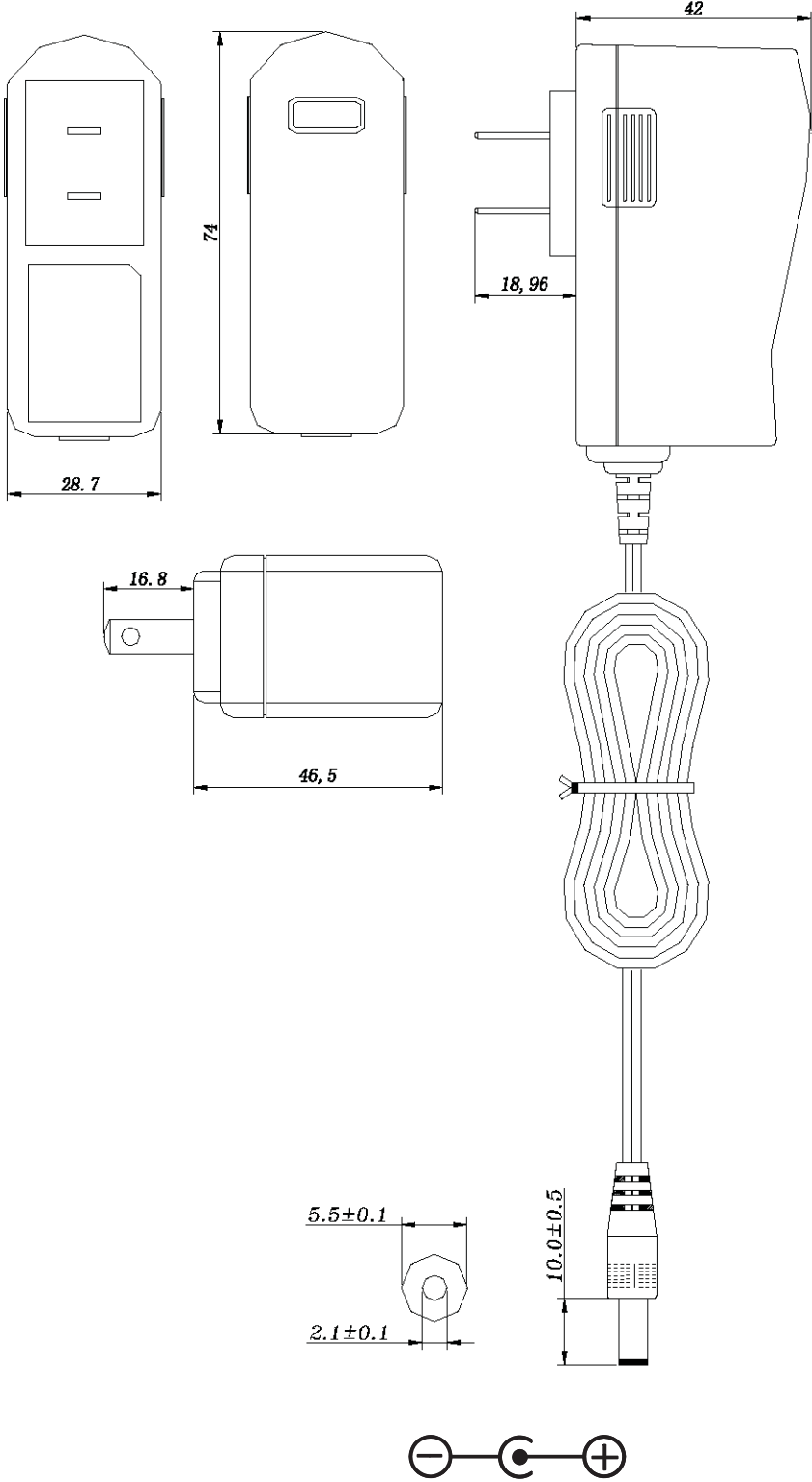
3000Vac 10mA/min

9.0 Insulation

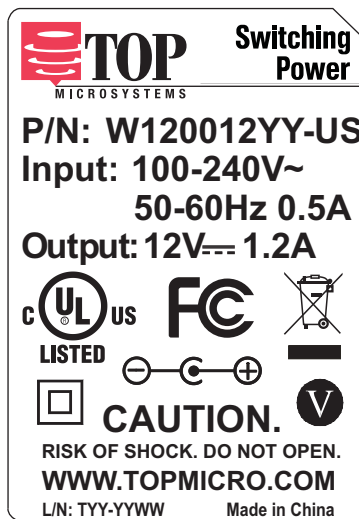
Input to Output

DC 500V 10M ohm min

10.0 Mechanical Drawing



11.0 Label



12.0 Packing

