

UN 18W Series

I.C.T./AV AC/DC Adaptor Standard Product



▲ UN1318



▲ UNT318



■ Please contact our sales department for safety standard of each model.



Product Highlights

- Stability
- Energy and High Efficiency
- Suitable for audio, video, information and communications technology equipment

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

Safety Approvals

- 60950-1
- 62368-1
- CNS14336
- GB4943.1
- PSE 別表第八

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

Emissions

- FCC
 - FCC Part15-B
- CE
 - EN(CISPR)55032-B
- VCCI-B
- CNS13438
- AS/NZS CISPR32
- GB9254/GB17625.1
- BS EN 55032

Immunity

- EN55035
 - BS EN 55035
- The above specifications include the following test standards
- ✓ EN61000-4-2
 - ✓ EN61000-4-3
 - ✓ EN61000-4-4
 - ✓ EN61000-4-5
 - ✓ EN61000-4-6
 - ✓ EN61000-4-8
 - ✓ EN61000-4-11

Electrical Spec

Input					
Description	Min.	Typ.	Max.	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min.	Typ.	Max.	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection, Sea Level
Storage Temperature	-20	-	65	°C	Free Convection, Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

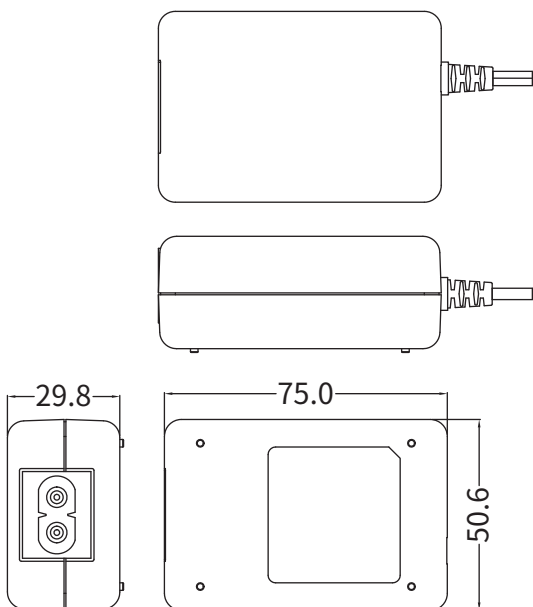
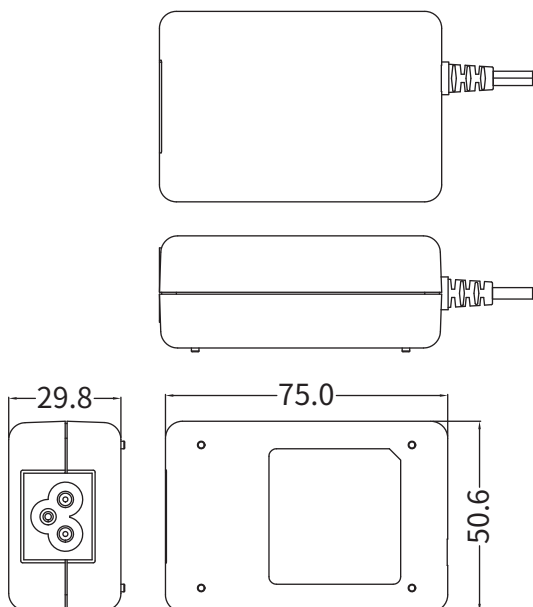
Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNx318-0526	5.0V	2.6A	±5%	150mV	150mV	80.47%	0.1W	
UNx318-0530	5.0V	3.0A	±5%	150mV	150mV	81.38%	0.1W	
UNx318-5530	5.5V	3.0A	±5%	150mV	150mV	81.97%	0.1W	
UNx318-5928	5.9V	2.8A	±5%	150mV	150mV	81.97%	0.1W	
UNx318-0920	9.0V	2.0A	±5%	180mV	180mV	85.00%	0.1W	
UNx318-1215	12.0V	1.5A	±5%	120mV	240mV	85.00%	0.1W	
UNx318-1512	15.0V	1.2A	±5%	200mV	240mV	85.00%	0.1W	
UNx318-1909	19.0V	0.9A	±5%	190mV	380mV	84.76%	0.1W	
UNx318-2475	24.0V	0.75A	±5%	240mV	480mV	85.00%	0.1W	
UNx318-4804	48.0V	0.4A	±5%	480mV	960mV	85.29%	0.1W	

■ Measurement Condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec

UNI318 Series	UNT318 Series
	

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