

US Series

Wall Mount AC/DC Adaptor

12W Series



▲ US112/US312



▲ USL112/USL312



▲ USY312



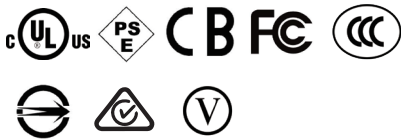
▲ USZ312



▲ USR312



▲ USA312



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



Product Highlights

- Stability
- Compact type
- Energy efficiency
- Suit GPS, network, multimedia, audio & video equipment

Efficiency

- Meet : Commission Regulation (EC) No 278/2009 (ERP 5)& CEC 5

Immunity

- EN55024/A1:2001

Protection

- Short circuit protection
- Over Voltage Protection
- Over Current Protection

Emissions

- FCC Part15 Class B
- CE CISPR 32 Class B
- VCCI Class B
- CNS13438
- GB9254/GB17625.1
- AS/NZS CISPR32

Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- IEC/EN60065
- CNS14336
- GB4943.1
- AS/NZS 60950.1

Electrical Spec

Absolute Maximum Rating

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

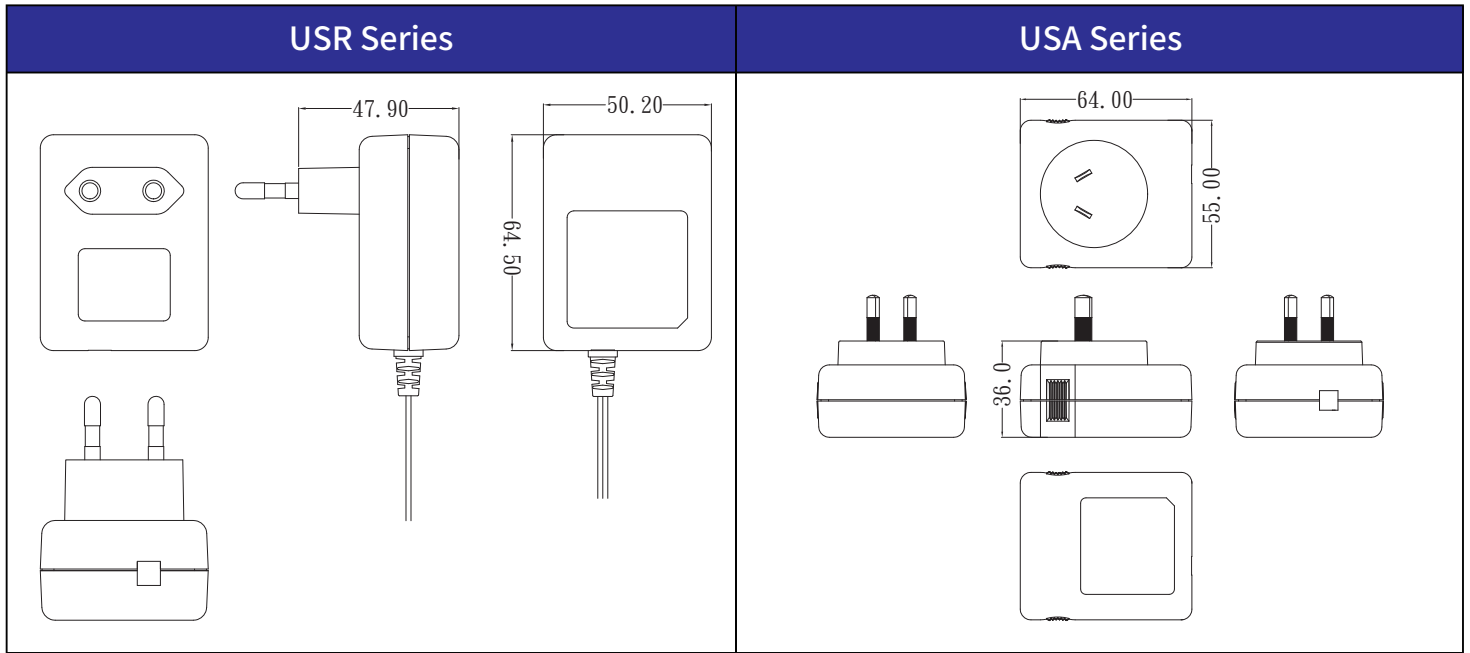
Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noises	Regulation		Option/Remark	
						Line	Load		
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	3.0V	2.0A	-5%~+8%	50mV	100mV	2%	10%	
	2	3.3V	2.0A	-5%~+8%	50mV	100mV	2%	10%	
	3	5.0V	2.0A	±5%	50mV	100mV	2%	10%	
	4	5.0V	2.3A	±5%	50mV	100mV	2%	10%	
	5	5.5V	2.0A	±5%	180mV	180mV	2%	10%	
	6	7.0V	1.4A	±5%	70mV	140mV	2%	10%	
	7	7.0V	1.6A	±5%	70mV	140mV	2%	10%	
	8	7.5V	1.6A	±5%	100mV	150mV	2%	10%	
	9	9.0V	1.3A	±5%	100mV	150mV	2%	10%	
	10	12.0V	1.0A	±5%	120mV	240mV	2%	10%	
	11	15.0V	0.8A	±5%	150mV	300mV	2%	10%	
	12	24.0V	0.5A	±5%	240mV	480mV	2%	10%	

■ 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.

more detail on next page

US112 Series	US312 Series
<p>US112 Series mechanical drawings showing front, side, and top views. Dimensions: 29.50 (top view), 63.90 (front view), 49.50 (side view).</p>	<p>US312 Series mechanical drawings showing front, side, and top views. Dimensions: 29.50 (top view), 63.90 (front view), 49.50 (side view).</p>
USL112 Series	USL312 Series
<p>USL112 Series mechanical drawings showing front, side, and top views. Dimensions: 64.00 (front view), 50.00 (side view), 34.80 (top view).</p>	<p>USL312 Series mechanical drawings showing front, side, and top views. Dimensions: 64.00 (front view), 50.00 (side view), 34.80 (top view).</p>
USY Series	USZ Series
<p>USY Series mechanical drawings showing front, side, and top views. Dimensions: 29.50 (top view), 63.90 (front view), 49.50 (side view).</p>	<p>USZ Series mechanical drawings showing front, side, and top views. Dimensions: 64.00 (front view), 50.00 (side view), 34.80 (top view).</p>



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■ Please contact our sales department for details of each model ■