

# US Series

## AC/DC Adaptor **18W** Series Wall Mount



▲ **US118/US318**



▲ **USL118/USL318**



▲ **USY318**



▲ **USZ318**



▲ **USE318**



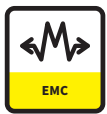
▲ **USR318**



▲ **USK318**



▲ **USA318**



### Product Highlights

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

### Efficiency

- Meet Coc V Tier2

### 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
- TP TC 020/2011

### Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- IEC/EN60065
- CNS14336
- GB4943.1
- AS/NZS 60950.1
- TP TC 004/2011

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	5V	2.6A	±5%	50mV	100mV	2%	10%	
	2	5V	3.0A	±5%	100mV	100mV	2%	10%	
	3	5.9V	2.8A	±5%	100mV	100mV	2%	10%	
	4	9V	2.0A	±5%	90mV	90mV	2%	10%	
	5	12V	1.5A	±5%	120mV	240mV	2%	10%	
	6	15V	1.2A	±5%	150mV	300mV	2%	10%	
	7	24V	0.75A	±5%	240mV	480mV	2%	10%	
	8	48V	0.4A	±5%	480mV	480mV	2%	10%	
	9	-	-	-	-	-	-	-	

■ 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

US118 Series	US318 Series
<p>US118 Series mechanical drawings showing front, side, and top views. Dimensions: 29.50 (top view), 63.90 (front view), 49.50 (side view).</p>	<p>US318 Series mechanical drawings showing front, side, and top views. Dimensions: 29.50 (top view), 63.90 (front view), 49.50 (side view).</p>
USL118 Series	USL318 Series
<p>USL118 Series mechanical drawings showing front, side, and top views. Dimensions: 64.00 (front view), 50.00 (side view), 34.80 (top view).</p>	<p>USL318 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>

USR Series	USE Series
USK Series	USA Series

— the following blank —

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