

UB 10W Series

USB AC/DC Adaptor USB-A



▲ UB310



▲ UBY310



▲ UBE310



▲ UBK310



▲ UBA310



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



Safety Certificate



Reliability Guarantee



Energy Saving



ROHS 2



LPS



EMC



Charging



Miniaturization

Product Highlights

- Stability
- Ultra Small Size
- Light Weight
- Energy Efficiency
- Suit MP3 Player, Mobile Phone, Portable GPS Device, PDA

Protection

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

Safety Standard

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

Efficiency

- COMMISSION REGULATION (EU) 2019/1782 (ERP 6)& DOE 6

Emissions

- FCC Part15 Class B
- CE CISPR 32 EN55032
- VCCI Class B
- GB9254/GB17625.1

Immunity

- EN55024/A1:2001

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

Output Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
USB-A	5.0V	1.0A	±5%	100mV	200mV	73.62%	0.1W	
	5.0V	1.2A	±5%	150mV	200mV	75.00%	0.1W	
	5.0V	1.5A	±5%	150mV	200mV	76.65%	0.1W	
	5.0V	1.8A	±5%	150mV	200mV	77.96%	0.1W	
	5.0V	2.0A	±5%	150mV	200mV	78.70%	0.1W	
	5.0V	2.1A	±5%	150mV	200mV	79.04%	0.1W	
	5.1V	1.0A	±5%	150mV	200mV	73.77%	0.1W	
	5.1V	1.2A	±5%	150mV	200mV	75.15%	0.1W	
	5.1V	1.5A	±5%	150mV	200mV	76.80%	0.1W	
	5.1V	1.8A	±5%	150mV	200mV	78.10%	0.1W	
	5.1V	2.0A	±5%	150mV	200mV	78.84%	0.1W	
	5.1V	2.1A	±5%	150mV	200mV	79.18%	0.1W	
	5.3V	1.0A	±5%	150mV	200mV	78.70%	0.1W	
	5.3V	1.2A	±5%	150mV	200mV	75.44%	0.1W	
5.3V	1.5A	±5%	150mV	200mV	77.08%	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.

more detail on next page

UB310 Series	UBY310 Series
<p>Mechanical drawings of the UB310 Series USB AC/DC Adaptor. The drawings include a top view, a front view, a side view, and a bottom view. Key dimensions are: 34.70 (width of the bottom view), 42.10 (width of the side view), and 22.0 (height of the bottom view).</p>	<p>Mechanical drawings of the UBY310 Series USB AC/DC Adaptor. The drawings include a top view, a front view, a side view, and a bottom view. Key dimensions are: 34.70 (width of the bottom view), 42.10 (width of the side view), and 22.0 (height of the bottom view).</p>
UBE310 Series	UBK310 Series
<p>Mechanical drawings of the UBE310 Series USB AC/DC Adaptor. The drawings include a top view, a front view, a side view, and a bottom view. Key dimensions are: 21.90 (width of the top view), 35.60 (height of the top view), and 60.20 (width of the front view).</p>	<p>Mechanical drawings of the UBK310 Series USB AC/DC Adaptor. The drawings include a top view, a front view, a side view, and a bottom view. Key dimensions are: 44.70 (width of the front view), 41.30 (width of the bottom view), and 49.30 (height of the bottom view).</p>
UBA310 Series	
<p>Mechanical drawings of the UBA310 Series USB AC/DC Adaptor. The drawings include a top view, a front view, a side view, and a bottom view. Key dimensions are: 51.00 (height of the front view) and 40.00 (width of the front and bottom views).</p>	

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