

# UB Series

## USB AC/DC Adaptor **10W** Series



▲ **UB310**



▲ **UBY310**



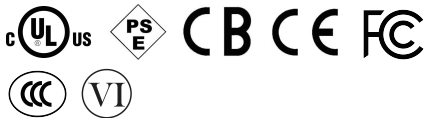
▲ **UBE310**



▲ **UBK310**



▲ **UBA310**



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



## Product Highlights

- Stability
- Ultra small size
- Light weight
- Energy efficiency
- Suit MP3 player, Mobile Phone, Portable GPS device, PDA

## Efficiency

- Meet DoE Level VI

## 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
- GB9254/GB17625.1

## Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- GB4943.1

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	1.0A	±5%	100mV	200mV	2%	10%	
	2	5V	1.2A	±5%	100mV	200mV	2%	10%	
	3	5V	1.5A	±5%	150mV	200mV	2%	10%	
	4	5V	1.8A	±5%	150mV	200mV	2%	10%	
	5	5V	2.0A	±5%	150mV	200mV	2%	10%	
	6	5V	2.1A	±5%	150mV	200mV	2%	10%	
	7	5.1V	1.0A	±5%	150mV	200mV	2%	10%	
	8	5.1V	1.2A	±5%	150mV	200mV	2%	10%	
	9	5.1V	1.5A	±5%	150mV	200mV	2%	10%	
	10	5.1V	1.8A	±5%	150mV	200mV	2%	10%	
	11	5.1V	2.0A	±5%	150mV	200mV	2%	10%	
	12	5.1V	2.1A	±5%	150mV	200mV	2%	10%	
	13	5.3V	1.0A	±5%	150mV	200mV	2%	10%	
	14	5.3V	1.2A	±5%	150mV	200mV	2%	10%	
	15	5.3V	1.5A	±5%	150mV	200mV	2%	10%	

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

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