



Safety , Efficient & Earth friendly

AC/DC Adaptor 6W Series Wall Mount

UCx Series



Product Highlights:

- ✓ Low cost
- ✓ Ultra small size
- ✓ Light weight
- ✓ Energy efficiency
- ✓ Suit LED lighting, display or photo frame, network and USB devices

Protection:

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

Efficiency:

- ✓ DOE Level 6

Safety Approvals:

- ✓ UL60950
- ✓ CAN/CSA C22.2 NO. 60950
- ✓ EN60950-1
- ✓ CE (Low Voltage Directive)
- ✓ PSE
- ✓ CEC-400
- ✓ IEC 60950

Emissions:

- ✓ CE CISPR 22 Class B
- ✓ VCCI Class B

Immunity:

- ✓ EN55024/A1:2001
- ✓ Electrostatic discharge: 61000-4-2
- ✓ Radiated electromagnetic fields:61000-4-3
- ✓ Fast transients (Burst): 61000-4-4
- ✓ Surge transients: 61000-4-5
- ✓ Conducted disturbance: 61000-4-6
- ✓ Voltage dips, interruptions & Variations:61000-4-11

Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
Non-Operating Temperture	-20	-	65	°C	Free Convection,Sea level
Operating Humidity	10	-	90	%RH	No Condensing
Non-Operating Humidity	10	-	90	%RH	No Condensing

Typical model list:

AC/DC Adaptor 5W~6W Series Wall Mount

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	3V	1.0A	-5%~+8%	300mA	±1%	±5%	
	2	3V	1.2A	-5%~+8%	300mA	±1%	±5%	
	3	3.3V	1.2A	-5%~+8%	300mA	±1%	±5%	
	4	4.2V	0.7A	±5%	300mA	±1%	±5%	
	5	5V	0.5A	±5%	300mA	±1%	±5%	
	6	5V	0.8A	±5%	400mV	±1%	±5%	
	7	5V	1.0A	±5%	400mV	±1%	±5%	
	8	5.6V	0.5A	±5%	300mV	±1%	±5%	
	9	5.6V	0.6A	±5%	300mV	±1%	±5%	
	10	6V	0.5A	±5%	60mV	±1%	±5%	
	11	8.5V	0.5A	±5%	300mV	±1%	±5%	
	12	9V	0.5A	±5%	300mV	±1%	±5%	
	13	9.6V	0.2A	±5%	200mV	±1%	±5%	
	14	12V	0.25A	±5%	200mV	±1%	±3%	
	15	12V	0.5A	±5%	200mV	±1%	±3%	
	16	13V	0.45A	±5%	200mV	±1%	±3%	
	17	15V	0.4A	±5%	200mV	±1%	±3%	
	18	18V	0.3A	±5%	200mV	±1%	±2%	
	19	-	-	-	-	-	-	-

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:

UC	UCY Series	UCL	UCZ Series	UCE	UCR Series	UCK Series

Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weight(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weight (Ton)	Remark
UC/UCY	100	8.5	7	406x250x298	1x1.2	20	800	80000	7040	With Gift Box
	240	19.8	16.8	565x393x255	1x1.2	20	400	96000	8160	Bulk package
UCL/UCZ	100	9	7.5	406x250x298	1x1.2	20	800	80000	7440	With Gift Box
	84	7.8	6.3	406x250x298	1x1.2	20	800	67200	6480	Bulk package
ECE/UCR	126	13.71	10.71	565x393x255	1x1.2	20	400	50400	5724	With Gift Box
	100	11.5	8.5	565x393x255	1x1.2	20	400	40000	4840	Bulk package
UCK	126	13.71	10.71	565x393x255	1x1.2	20	400	50400	5724	With Gift Box
	80	9.8	6.8	565x393x255	1x1.2	20	400	32000	4160	Bulk package