

## AC/DC Adaptor 12W Series Wall Mount

### USx Series

#### Product Highlights:

- ✓ Stability
- ✓ Compact type
- ✓ Energy efficiency
- ✓ Available at Japan, Taiwan, US, Europe, UK & Australia type
- ✓ Suit GPS, network, multimedia, audio & video equipment



#### Protection:

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

#### Efficiency:

- ✓ CEC Level 5

#### Safety Approvals:

- ✓ UL60950
- ✓ CAN/CSA C22.2 NO. 60950
- ✓ EN60950-1
- ✓ CE (Low Voltage Directive)
- ✓ AS/NZS 60950.1
- ✓ PSE
- ✓ GB4943.1
- ✓ CNS14336
- ✓ CEC-400

#### Emissions:

- ✓ FCC Part15 Class B
- ✓ CE CISPR 22 Class B
- ✓ VCCI Class B
- ✓ AS/NZSCISPR22
- ✓ CNS13438 Class B
- ✓ GB9254/GB17625.1

#### 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 Temperature	-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:

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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	2.0A	-5%~+8%	50mV	±1%	±5%	
	2	3.3V	2.0A	-5%~+8%	50mV	±1%	±5%	
	3★	5V	2.0A	±5%	50mV	±1%	±5%	
	4	5V	2.3A	±5%	50mV	±1%	±5%	
	5	5.5V	2.0A	±5%	50mV	±1%	±5%	
	6	6V	2.0A	±5%	50mV	±1%	±5%	
	7	7V	1.4A	±5%	60mV	±1%	±5%	
	8	7V	1.6A	±5%	70mV	±1%	±5%	
	9	7.5V	1.6A	±5%	80mV	±1%	±5%	
	10★	9V	1.3A	±5%	90mV	±1%	±5%	
	11★	12V	1.0A	±5%	120mV	±1%	±3%	
	12	15V	0.8A	±5%	150mV	±1%	±3%	
	13	24V	0.5A	±5%	240mV	±1%	±2%	
	14	-	-	-	-	-	-	-

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:

US	USY ▼ Series	USL	USZ ▼ Series	USE	USR/USF ▼ Series	USK Series
The CB meets both IEC60065 & IEC60950 standards						
The mark "▼" is not available for IEC60065						
US112 series: The mark ★ is available for BSMI						

USA Series

The CB meets both IEC60065 & IEC60950 standards

Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weight(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weingt (Ton)	Remark
US112/312	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	With Gift Box
USY312	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	Bulk package
USL112/312	84	12.24	9.24	565x393x255	1x1.2	20	400	33600	5136	With Gift Box
	80	11.8	8.8	565x393x255	1x1.2	20	400	32000	4960	Bulk package
USE/USR/USK 312	84	13.08	10.08	565x393x255	1x1.2	20	400	33600	5472	With Gift Box
	80	12.6	9.6	565x393x255	1x1.2	20	400	32000	5280	Bulk package
USA312	84	13.92	10.92	565x393x255	1x1.2	20	400	33600	5808	With Gift Box
	80	13.4	10.4	565x393x255	1x1.2	20	400	32000	5600	Bulk package