

## AC/DC Wall Mount Adaptor



### Features

- LPS Compliance
- Protections:  
Short circuit / Over voltage / Over current
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption  $\leq 0.1W$  (VI),  $\leq 0.075W$  (Tier II)
- MTBF > 100,000 hours

### EA1024 X Y - vv PP

- X:** Output range  
**Y:** AC plug: • U: USA • E: EU • K: UK • A: SAA  
**vv:** Specified output voltage, i.e. 12 is 12VDC  
**PP:** DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

### General Specification

#### OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1024AY	16W	5~8V	0A	2A	$\pm 5\%$	$\pm 1\%$	100mV
EA1024BY	20W	5~8V	0A	3A	$\pm 5\%$	$\pm 1\%$	100mV
EA1024CY	24W	5~8V	0A	4A	$\pm 5\%$	$\pm 1\%$	100mV
EA1024DY	18W	9~11V	0A	1.5A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024EY	24W	9~11V	0A	2A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024FY	27W	9~11V	0A	3A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024GY	20W	12~17V	0A	1.66A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024HY	30W	12~17V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024JY	24W	18~24V	0A	1.33A	$\pm 5\%$	$\pm 1\%$	350mV
EA1024KY	30W	18~24V	0A	1.66A	$\pm 5\%$	$\pm 1\%$	350mV
EA1024MY	20W	36~48V	0A	0.55A	$\pm 5\%$	$\pm 1\%$	480mV
EA1024NY	30W	36~48V	0A	0.83A	$\pm 5\%$	$\pm 1\%$	480mV
EA1024PY	36W	12V	0A	3A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024QY	24W	12V	0A	2A	$\pm 5\%$	$\pm 1\%$	250mV
EA1024RY	36W	24V	0A	1.5A	$\pm 5\%$	$\pm 1\%$	350mV

#### NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at rated load.
- 3 : Max. Power (W)  $\geq V_o \times I_o$

#### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current  $\leq 1A$
- Inrush Current  $\leq 60A/230VAC$
- Hold Up Time  $\geq 8.3ms$
- Turn On Time  $\leq 3s$

#### PROTECTION

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Latch-off
- Over Current Protection Auto Recovery

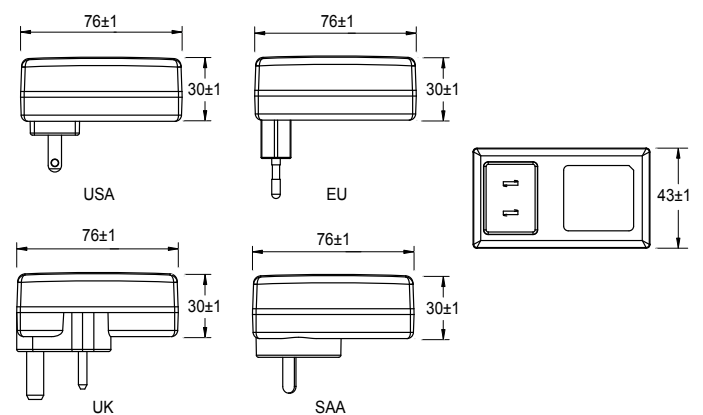
#### ENVIRONMENT

- Operating Temperature -20 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90%
- Storage Humidity 5% to 95%

#### SAFETY

- Certified for whole series: UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), CCC, BSMI, UKCA
- Certified for assigned models: PSE, BIS, RCM, KC, CU, PSB, NRCAN, Argentina

#### MECHANICAL



- Case Size: 76L x 43W x 30H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA
- Weight: 200g