

## AC/DC Wall Mount Adapter



### Features

- 100-240VAC Universal Input
- 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
- Non Y-cap design

### EA1027 X Y Z T - PP

- X:** Output Voltage  
**Y:** Case Type: (V) Vertical or (H) Horizontal  
**Z:** AC plug : • U: USA • E: EU • C: CHINA for (H)  
 AC plug : • U: USA • E: EU • K: UK • A: SAA for (V)  
**T:** Output type: S (SR)  
**PP:** DC plug type, i.e. Code 01 for 5.5\*2.1mm or other options (refer to the appendix page)

| MODEL No.  | MAX. OUTPUT POWER (W) | OUTPUT VOLTAGE (Vo) | MIN. LOAD(Io) | MAX. LOAD(Io) | LOAD REGULATION | LINE REGULATION | RIPPLE & NOISE |
|------------|-----------------------|---------------------|---------------|---------------|-----------------|-----------------|----------------|
| EA1027AYZS | 18W                   | 5V                  | 0A            | 3.6A          | $\pm 5\%$       | $\pm 3\%$       | 100mV          |
| EA1027BYZS | 24W                   | 9V                  | 0A            | 2.66A         | $\pm 5\%$       | $\pm 3\%$       | 180mV          |
| EA1027CZS  | 24W                   | 12V                 | 0A            | 2.0A          | $\pm 5\%$       | $\pm 3\%$       | 250mV          |
| EA1027DYZS | 30W                   | 24V                 | 0A            | 1.25A         | $\pm 5\%$       | $\pm 3\%$       | 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)  $\geq V_o \times I_o$

### Electrical Specification

#### INPUT

- Input Range: 100 to 240 Vac
- Frequency: 50 to 60Hz
- Input Current:  $\leq 0.8A$
- Inrush Current:  $\leq 60A/230VAC$
- Hold UP Time:  $\geq 8.3mS$
- Turn On Time:  $\leq 3s$
- Leakage Current:  $\leq 10uA$

#### OUTPUT

- Short Circuit Protection: Auto Recovery
- Over Voltage Protection: Auto Recovery
- Over Current Protection: Auto Recovery

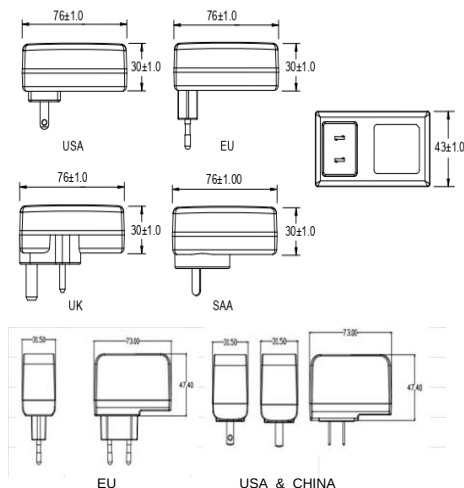
#### ENVIRONMENTAL

- Operating Temperature: 0 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/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE

### Mechanical Specification



Vertical

Horizontal

- Case Size: Vertical: 76L x 43W x 30H (mm)  
Horizontal: 73L x 47.4W x 31.5H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA (Vertical)  
U: USA, E: EU C: China (Horizontal)
- Weight: 200g

Above safety certificates are for reference only. Please contact our sales department for more details.