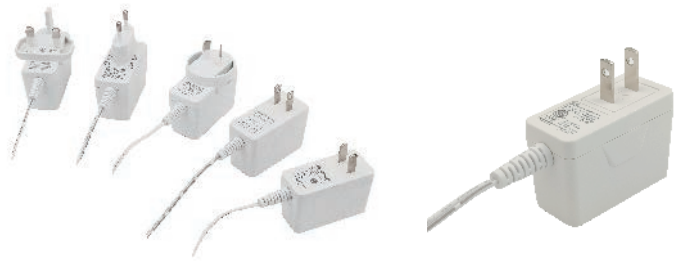


# Switching Power Adaptor UES12LZ2-SPA

## Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Energy efficiency level VI



UES12LZ2-SPA

UES12LU2-SPA

|                          |                                                           |                       |                                                                        |
|--------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| Input Voltage Range      | 90-264VAC                                                 | Operating Temperature | 0~40℃                                                                  |
| Input Current            | 0.5A                                                      | Storage Temperature   | -5~60℃                                                                 |
| Average Efficiency       | Energy efficiency level VI                                | Operating Humidity    | 5% to 95% non condensing                                               |
| Output Voltage Tolerance | ±5%                                                       | MTBF                  | 100,000 hours at full load at 25℃ ambient, calculated per MIL-HDBK-217 |
| Standby Power            | 0.075W Max                                                |                       |                                                                        |
| Safety Standard          | CE(EN61558-1), PSE(J61558-1), CB(IEC61558-1), ETL(UL1310) |                       |                                                                        |
| Weight                   | 95g                                                       | Dimensions            | 62.0mm (L); 29.0mm (W); 40.2mm (H)                                     |
| Applications             | Household appliances                                      |                       |                                                                        |

## Output data (UES12LZ2)

CB CE 

| Model              | Voltage (V) | Current (A) | Ripple (mV) | VI | 115 230 | Av. Eff. (%) Min |
|--------------------|-------------|-------------|-------------|----|---------|------------------|
| UES12LZ2-240YYYSPA | 24.0        | 0.01-0.50   | 240         | Y  | Y       | 83.26            |

## Output data (UES12LU2-SPA)



| Model              | Voltage (V) | Current (A) | Ripple (mV) | VI | 115 230 | Av. Eff. (%) Min |
|--------------------|-------------|-------------|-------------|----|---------|------------------|
| UES12LU2-240050SPA | 24.0        | 0.01-0.50   | 240         | Y  | Y       | 83.26            |

YYY:001-050 stands for current 0.01-0.50A

Z: U-AC Plug for US & JP

V-AC Plug for EU

B-AC Plug for UK

S-AC Plug for AU

## Standard

|                        |                                                 |
|------------------------|-------------------------------------------------|
| EMC standard           | EN55014                                         |
| Conduction & Radiation | EN55014                                         |
| Harmonic Currents      | IEC/EN 61000-3-2 Class A                        |
| Voltage Flicker        | IEC/EN 61000-3-3                                |
| ESD                    | IEC/EN 61000-4-2 ±8KV Air, ±4KV Contact Class B |
| Radiated Immunity      | IEC/EN 61000-4-3 3V/m Class A                   |
| EFT/Burst              | IEC/EN 61000-4-4 ±1KV Class B                   |
| Surge                  | IEC/EN 61000-4-5 ±1KV DM, ±1KV CM               |
| Conducted Immunity     | IEC/EN 61000-4-6 3Vrms Class A                  |
| Dips & Interruptions   | IEC/EN 61000-4-11 0%, 70%, 0% of UT             |