

## Switching Power Adaptor UES12WV1-SPA Series

NEW



### Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meets 4KV surge immunity
- ◆ Energy efficiency level VI

|                          |                                                |                       |                                                                           |
|--------------------------|------------------------------------------------|-----------------------|---------------------------------------------------------------------------|
| Input Voltage Range      | 90-264VAC                                      | Operating Temperature | -10~40°C                                                                  |
| Input Current            | 0.5A                                           | Storage Temperature   | -40~70°C                                                                  |
| Average Efficiency       | Energy efficiency level VI                     | Operating Humidity    | 5% to 95% non condensing                                                  |
| Output Voltage Tolerance | ±5%                                            | MTBF                  | 60,000 hours at full load at 25°C ambient, calculated per Telcordia SR332 |
| Standby Power            | 0.1W MAX                                       |                       |                                                                           |
| Safety Standard          | CE(EN62368-1), CB(IEC62368-1), EAC(IEC62368-1) |                       |                                                                           |
| Weight                   | 90g                                            | Dimensions            | 70.0mm (L) ; 46.0mm (W) ; 29.5mm (H)                                      |
| Applications             | ITE                                            |                       |                                                                           |

### Output data (UES12WV1-SPA)

CB CE EAC

| Model              | Voltage (V) | Current (A) | Ripple (mV) | 115 230 | Av. Eff. (%) Min |
|--------------------|-------------|-------------|-------------|---------|------------------|
| UES12WV1-120YYYSPA | 12.0        | 0.01-1.0    | 300         | Y Y     | 82.96            |

YYY:001-100 stands for current 0.01-1.0A.

### Standard

|                        |                                                  |
|------------------------|--------------------------------------------------|
| EMC standard           | EN55032/CISPR32; EN55035/CISPR35                 |
| Conduction & Radiation | EN55032/CISPR32 Class B                          |
| Harmonic Currents      | IEC/EN 61000-3-2 Class A                         |
| Voltage Flicker        | IEC/EN 61000-3-3 Class A                         |
| ESD                    | IEC/EN 61000-4-2 ±15KV Air, ±8KV Contact Class B |
| Radiated Immunity      | IEC/EN 61000-4-3 10V/m Class A                   |
| EFT/Burst              | IEC/EN 61000-4-4 ±2KV Class B                    |
| Surge                  | IEC/EN 61000-4-5 ±4KV DM, ±6KV CM                |
| Conducted Immunity     | IEC/EN 61000-4-6 10Vrms Class A                  |
| Dips & Interruptions   | IEC/EN 61000-4-11 0%, 70%,0% of UT               |