

## Switching power supply unit UE100-SPA-OP

### Features

- ◆ AC input voltage range 176-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meet 2KV surge immunity



|                          |            |                       |                                                                        |
|--------------------------|------------|-----------------------|------------------------------------------------------------------------|
| Input Voltage Range      | 176-264VAC | Operating Temperature | -10~45℃                                                                |
| Input Current            | 2.0A       | Storage Temperature   | -40~70℃                                                                |
| Average Efficiency       | 85%        | 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            | 0.48W MAX  |                       |                                                                        |
| Safety Standard          | /          |                       |                                                                        |
| Weight                   | About 320g | Dimensions            | 160.0mm (L); 89.0mm (W); 39.5mm (H)                                    |
| Applications             | ITE        |                       |                                                                        |

### Output data (UE100-SPA-OP)

| Model              | Voltage (V) | Current (A) | Ripple (mV) | VI<br>115 230 | Av. Eff. (%)<br>Min |
|--------------------|-------------|-------------|-------------|---------------|---------------------|
| UE100-200YYYSPA-OP | 20.0        | 0.01-5.00   | 200         | Y Y           | 85.00               |

YYY:001-500 stands for current 0.01-5.00A.

### 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                                 |
| ESD                    | IEC/EN 61000-4-2 ±15KV Air, ±8KV Contact Class B |
| Radiated Immunity      | IEC/EN 61000-4-3 4V/m Class A                    |
| EFT/Burst              | IEC/EN 61000-4-4 ±1KV Class B                    |
| Surge                  | IEC/EN 61000-4-5 ±2KV DM, ±3KV CM                |
| Conducted Immunity     | IEC/EN 61000-4-6 4Vrms Class A                   |
| Dips & Interruptions   | IEC/EN 61000-4-11 0%, 70%, 0% of UT              |