

# USB Charger

## UES10WCP-050100SPC-M2

### Features

- ◆ AC input voltage range 90-264VAC/150-264VAC
- ◆ Protections against: short circuit/over current/over voltage/over temperature
- ◆ Can charge 2 devices at the same time through 2 individual outputs
- ◆ Changeable ac plugs for universal use
- ◆ Energy efficiency level VI



|                          |  |                       |  |
|--------------------------|--|-----------------------|--|
| Input Voltage Range      | 90-264VAC  | Operating Temperature | 0~40°C   |
| Input Current            | 0.5A   | Storage Temperature   | -20~60°C   |
| Average Efficiency       | Energy efficiency level VI   | Operating Humidity    | 5% to 95% non condensing   |
| Output Voltage Tolerance | ±5%  | MTBF                  | 50,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217 |
| Standby Power            | 0.1W   |                       |  |
| Safety Standard          | CE(EN62368-1), CB(IEC62368-1), GS(EN62368-1), CCC(GB4943), BIS(IEC60950-1), RCM(AS/NZS62368.1), NRTL(UL62368-1), KC(K62368-1), PSE(J62368-1) |                       |  |
| Weight                   | 70g  | Dimensions            | 73.5mm (L); 43.5mm (W); 31.2mm (H)                                     |
| Applications             | Mobile phone charger, ITE  |                       |  |

### Output data (UES10WCP-050100SPC-M2)



| Model                 |      | Voltage |           | Current (A) | Ripple (mV) | V   |      | Av. Eff. (%) |
|-----------------------|------|---------|-----------|-------------|-------------|-----|------|--------------|
|                       |      | (V)     | (A)       |             |             | 115 | 230  |              |
| UES10WCP-050100SPC-M2 | USB1 | 5.0     | 0.10-1.00 | 200         | Y           | Y   | 73.5 |              |
|                       | USB2 | 5.0     | 0.10-1.00 | 200         | Y           | Y   | 73.5 |              |

### 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 ±6KV Air, ±4KV Contact Class B    |
| Radiated Immunity      | IEC/EN 61000-4-3 4V/m Class B                      |
| EFT/Burst              | IEC/EN 61000-4-4 ±1KV Class B                      |
| Surge                  | IEC/EN 61000-4-5 ±1KV Diff. Mode, ±1KV Common Mode |
| Conducted Immunity     | IEC/EN 61000-4-6 4Vrms Class B                     |
| Dips & Interruptions   | IEC/EN 61000-4-11 0%, 70%, 0% of UT                |