



SA165E-XXV

65W Switching Adapter Series

Input

| | |
|----------------|-----------------------|
| Rated Voltage | 100 - 240 VAC |
| Max. Voltage | 90 - 264 VAC |
| Line Frequency | 47 - 63 Hz |
| Current | 1700mA, at 100-240VAC |
| Configuration | IEC-320 C6, 3PIN |

Output

| Model Name | Voltage | Current | Watt | Efficiency |
|------------|---------|---------|-------|------------|
| SA165E-09V | 9V | 5.0A | 45W | 78% |
| SA165E-12V | 12V | 5.0A | 60W | 78% |
| SA165E-24V | 24V | 2.8A | 67.2W | 80% |

| | |
|-----------------|-------------------------------|
| Line Regulation | $\leq \pm 2\%$ |
| Load Regulation | $\leq \pm 5\%$ |
| Protections | OCP, OVP, OTP & Short circuit |
| Ripple Voltage | $\leq 1\%V_o$ |

Environment

| | |
|--------------------|----------------------------|
| Operating Temp. | 0°C - 40°C |
| Storage Temp. | -20°C - 80°C |
| Operating Humidity | 20% - 80% (Non-condensing) |

Reliability

| | |
|--------|---|
| MTBF | 50,000 hrs (by MIL-217 Standard) |
| Safety | ITE: UL, CUL, TUV/GS, CE, CB, PSE, CCC |

Others

| | |
|------------|--|
| Package | 24 pcs/box (9V, 12V) 45 pcs/box (24V) |
| Min. Order | 1K pcs/lot |
| Warranty | 1 year |

For reference only. For details please contact your local sales representative.

Electrical

| | |
|-------------------------|--|
| Topology | Switching Mode |
| Hi-Pot | 1800 Vac/1sec @ 5mA (primary - secondary) |
| Leakage Current | $\leq 3.5mA$, at 240VAC/50Hz |
| Hold Up Time | ≥ 10 mSec. |
| Standby Power | ≤ 0.5 Watt |
| EMI | Complies with EMI directives |
| Energy Star Requirement | EPS 2.0 (Efficiency Level V) |
| ErP Requirement | Efficiency Level : Stage 2 |
| MEPS Requirement | Efficiency Level : V |

(9V & 12V only comply with CEC IV, ErP Stage 1, MEPS IV)

Mechanical

| | |
|---------------|--|
| Case Size | 122L x 60W x 34H mm |
| Case Material | Black, 94V-1 or equivalent |
| Weight | 352 \pm 5 g |
| DC Cord | 4.92ft 18AWG (16AWG only for 9V/4.5~5A) |
| LED indicator | Option |

