



SA190B-XXV

90W Switching Adapter Series

Input

| | |
|----------------|--------------------------------------|
| Rated Voltage | 100 - 240 VAC |
| Max. Voltage | 90 - 264 VAC |
| Line Frequency | 47 - 63 Hz |
| Current | 1600mA, at 100-240VAC |
| Configuration | IEC-320, C6, 3PIN With Active PFC |

Output

| Model Name | Voltage | Current | Watt | Efficiency |
|------------|---------|---------|------|------------|
| SA190B-12V | 12V | 7A | 84W | 86% |
| SA190B-19V | 19V | 4.74A | 90W | 86% |
| SA190B-24V | 24V | 3.75A | 90W | 86% |

| | |
|-----------------|--|
| Line Regulation | $\leq \pm 2\%$ |
| Load Regulation | $\leq \pm 5\%$ |
| Protections | OCP, OVP & Short circuit |
| Ripple Voltage | $\leq 1\%V_o$ $\leq 150mVp-p$ (For 12V) |

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, , CB, CE, PSE |

Others

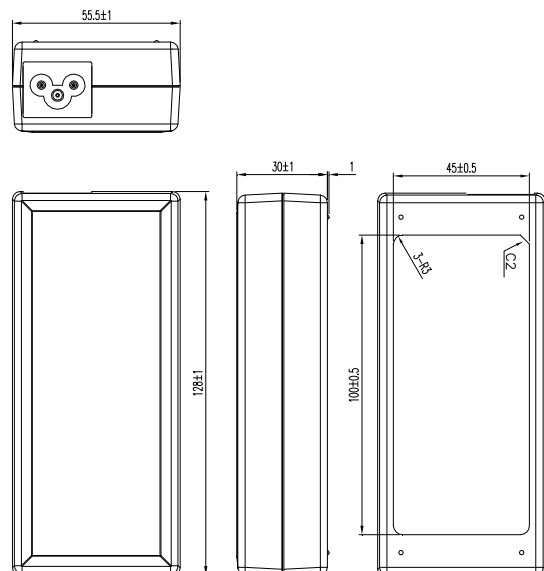
| | |
|------------|------------|
| Package | 45 pcs/box |
| Min. Order | 1K pcs/lot |
| Warranty | 1 year |

Electrical

| | |
|-------------------------|--|
| Topology | Switching Mode |
| Hi-Pot | 1800 Vac/1sec @ 5mA (primary - secondary) |
| Leakage Current | $\leq 3.5mA$, at 264VAC/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) |
| EuP Requirement | Efficiency Level : Stage 2 |
| MEPS Requirement | Efficiency Level : V |

Mechanical

| | |
|---------------|----------------------------|
| Case Size | 128L x 55.5W x 30H mm |
| Case Material | Black, 94V-1 or equivalent |
| Weight | 390+-10g |
| DC Cord | 1500mm |
| LED Indicator | Optional |



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