



# SA165L-12U

## 60W Switching Adapter

[www.sac-ontop.com.tw](http://www.sac-ontop.com.tw)

### Input

|                |                       |
|----------------|-----------------------|
| Rated Voltage  | 100 - 240 VAC         |
| Max. Voltage   | 90 - 264 VAC          |
| Line Frequency | 47 - 63 Hz            |
| Current        | 1700mA, at 100-240VAC |
| Configuration  | IEC-320,C8 ,2PIN      |

### Output

| Model Name      | Voltage                    | Current | Watt | Efficiency |
|-----------------|----------------------------|---------|------|------------|
| SA165L-12       | 12V                        | 5A      | 60W  | 86%        |
| Line Regulation | Less than $\pm 2\%$        |         |      |            |
| Load Regulation | Less than $\pm 5\%$        |         |      |            |
| Protections     | OCP, OVP & Short circuit   |         |      |            |
| Ripple Voltage  | $\leq 120\text{mVp-p max}$ |         |      |            |

### Environment

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

### Reliability

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

### Others

|            |            |
|------------|------------|
| Package    | 45pcs/box  |
| 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           | 3000 Vac/1sec @ 5mA<br>(primary - secondary) |
| Leakage Current  | $\leq 0.25\text{mA}$ , at 240VAC/50Hz        |
| Hold Up Time     | $\geq 9$ mSec.                               |
| Standby Power    | $\leq 0.15$ Watt                             |
| EMI              | Complies with EMI directives                 |
| DoE Requirement  | (Efficiency Level: VI )                      |
| ErP Requirement  | (Efficiency Level: VI )                      |
| MEPS Requirement |  |

### Mechanical

|               |                            |
|---------------|----------------------------|
| Case Size     | 122L x 60W x 34H mm        |
| Case Material | Black, 94V-1 or equivalent |
| Weight        | 315 $\pm$ 20g              |
| LED Indicator | W/O                        |
| DC Cord       | 4.92ft 16AWG               |
| RoHS & WEEE   | Standard                   |

