



SBU30 series

30W Open frame type switching power supplies for I.T.E.

The SBU30 series of products, open frame constructed, AC/DC switching mode power supplies provide 30 Watts of continuous output power. They are suited for use in based systems, portable equipments and many other applications. All models meet CISPR-22 class B emission Limits and are designed to comply with new CE requirements. All units are 100% burned in and tested.



Features

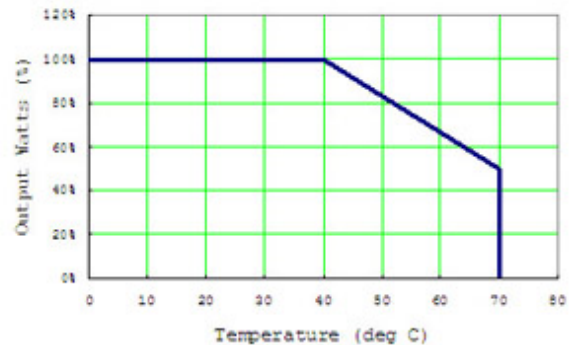
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- Input connector mates with Molex [housing](#) 09-50-3031 and Molex 2478 series crimp terminal
- Output connector mates with Lead wire
- Single to Dual Output
- Input Surge Current, Over Voltage and Over Load Protection
- 2 year warranty

Electrical characteristics

- Efficiency: 80% typ.
- Line Regulation: 1% max.
- Load Regulation: 10% max.
- Hold-up Time: 10mS min.
- Output ripple and noise: 0.5% (Typ.).
- (The Ripple & Noise which is under 3.3VDC at 2% max)

Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40~85°C
- Operating Humidity : 0~95%
- Storage Humidity: 0~95%
- MTBF: 100,000 calculated hours



| Model No. | Output Voltage | Max. Output Current | Total Regulation | Max. Output Power | Certificate |
|------------|----------------|---------------------|------------------|-------------------|-------------|
| ▶SBU30-101 | 3~5VDC | 5.00~3.00A | 7% | 15W | CE, RoHS |
| ▶SBU30-102 | 5~6VDC | 4.00~3.33A | 5% | 20W | CE, RoHS |
| ▶SBU30-103 | 6~8VDC | 4.00~3.00A | 5% | 24W | CE, RoHS |
| ▶SBU30-104 | 8~11VDC | 3.75~2.72A | 5% | 30W | CE, RoHS |
| ▶SBU30-105 | 11~13VDC | 2.72~2.30A | 5% | 30W | CE, RoHS |
| ▶SBU30-106 | 13~16VDC | 2.30~1.87A | 5% | 30W | CE, RoHS |
| ▶SBU30-107 | 16~21VDC | 1.87~1.42A | 3% | 30W | CE, RoHS |
| ▶SBU30-108 | 21~27VDC | 1.42~1.11A | 2% | 30W | CE, RoHS |
| ▶SBU30-109 | 27~33VDC | 1.11~0.90A | 2% | 30W | CE, RoHS |
| ▶SBU30-110 | 33~40VDC | 0.90~0.75A | 2% | 30W | CE, RoHS |
| ▶SBU30-111 | 40~50VDC | 0.75~0.60A | 2% | 30W | CE, RoHS |

| Model No. | Output Voltage | Max. Output Current | Total Regulation | Max. Output Power | Certificate |
|------------|----------------------|---------------------|------------------|-------------------|-------------|
| ▶SBU30-200 | +3.3VDC +12.0VDC | 3.00A 1.25A | 5% 10% | 24.9W | CE, RoHS |
| ▶SBU30-201 | +5.0VDC +12.0VDC | 3.00A 1.25A | 5% 10% | 30W | CE, RoHS |
| ▶SBU30-202 | +5.0VDC +15.0VDC | 3.00A 1.00A | 5% 10% | 30W | CE, RoHS |
| ▶SBU30-203 | +5.0VDC +24.0VDC | 3.00A 0.62A | 5% 10% | 30W | CE, RoHS |
| ▶SBU30-204 | +3.3VDC +5.0VDC | 3.00A 1.50A | 5% 10% | 17.4W | CE, RoHS |
| ▶SBU30-205 | +5.0VDC +36.0VDC | 3.00A 0.42A | 5% 10% | 30.12W | CE, RoHS |
| ▶SBU30-208 | +9.0VDC -9.0VDC | 2.00A 1.33A | 5% 10% | 30W | CE, RoHS |
| ▶SBU30-209 | +12.0VDC -12.0VDC | 2.00A 0.50A | 5% 10% | 30W | CE, RoHS |