



## SBU100 series

### 100W Open frame type switching power supplies for I.T.E.

The SBU100 series of compact, open frame constructed, AC/DC switching mode power supplies provide 100 Watts of continuous output power. They are suited for use in based systems, portable equipments and many other applications. All models meet FCC Part-15 class B and CISPR-22 class B emission Limits and are designed to comply with UL/c-UL(UL 60950-1:2nd Edition), TUV/Bauart(EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



### Features

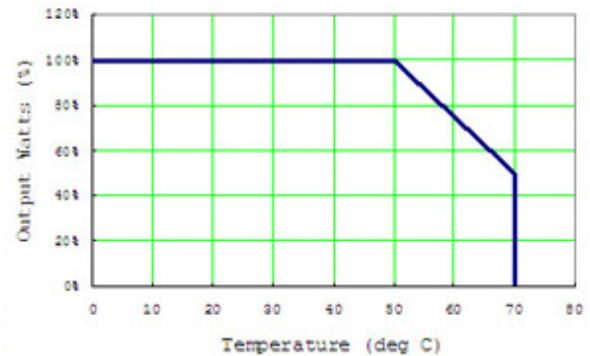
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- Input connector mates with Molex housing 09-50-3051 and Molex 2478 series crimp terminal
- Output connector mates with Molex housing 09-50-3131 and Molex 2478 series crimp terminal
- Single Output
- Input Surge Current, Over Voltage and Over Load Protection
- Size: 3"x5"x1.18"
- Active Power Factor Correction
- Class I
- 2 year warranty

### Electrical characteristics

- Efficiency: 80% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 16mS 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 50°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
▶SBU100-101	3~5VDC	18.00~10.8A	5%	54W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-102	5~6VDC	14.00~11.66A	5%	70W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-103	6~9VDC	13.33~8.88A	5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-104	9~11VDC	11.11~9.09A	5%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-105	11~13VDC	9.09~7.69A	3%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-106	13~16VDC	7.69~6.25A	3%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-107	16~21VDC	6.25~4.76A	3%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-108	21~27VDC	4.76~3.70A	2%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-109	27~33VDC	3.70~3.03A	2%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-110	33~40VDC	3.03~2.50A	2%	100W	UL/cUL.T-mark.CE.CB, RoHS
▶SBU100-111	40~50VDC	2.50~2.00A	2%	100W	UL/cUL.T-mark.CE.CB, RoHS