



SBU41 series

40W Open frame type switching power supplies for I.T.E.

The SBU41 series of products, open frame constructed, AC/DC switching mode [power](#) supplies provide 40 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

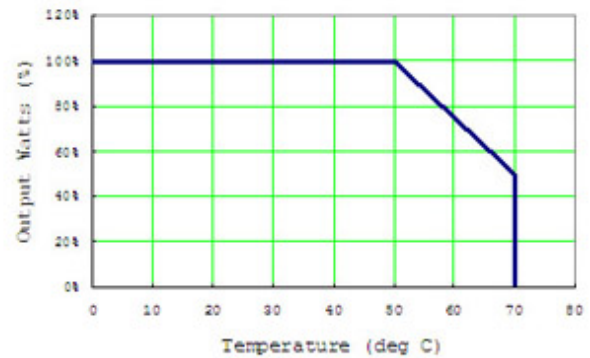
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- Input connector mates with Molex [housing](#) 09-50-3031 and Molex 2478 series crimp terminal
- Dual and Triple Output
- Input Surge Current, Over Voltage and Over Load Protection
- 2 year warranty

Electrical characteristics

- Efficiency: 80% typ.
- Line Regulation: 1% max.
- Load Regulation: 10% max.
- Hold-up Time: 10mS min.
- Output ripple and noise: 1% (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
>SBU41-200	+3.0VDC +12.0VDC	5.00A 2.00A	7% 5%	40W	RoHS
>SBU41-201	+5.0VDC +12.0VDC	5.00A 2.00A	5% 5%	40W	RoHS
>SBU41-202	+5.0VDC +15.0VDC	5.00A 1.50A	5% 5%	40W	RoHS
>SBU41-203	+5.0VDC +24.0VDC	5.00A 1.00A	5% 5%	40W	RoHS
>SBU41-209	+12.0VDC -12.0VDC	3.00A 1.00A	5% 5%	40W	RoHS
>SBU41-210	+15.0VDC -15.0VDC	2.00A 1.00A	5% 5%	40W	RoHS

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
>SBU41-300	+3.3VDC +12.0VDC -12.0VDC	5.00A 2.00A 0.80A	7% 5% 10%	40W	RoHS
>SBU41-301	+5.0VDC +12.0VDC -5.0VDC	3.50A 2.00A 0.80A	5% 5% 5%	40W	RoHS
>SBU41-302	+5.0VDC +12.0VDC -12.0VDC	3.50A 2.00A 0.60A	5% 5% 10%	40W	UL, GS, CE, CB, RoHS
>SBU41-303	+5.0VDC +15.0VDC -15.0VDC	3.50A 2.00A 0.80A	5% 5% 10%	40W	RoHS
>SBU41-304	+5.0VDC +24.0VDC -24.0VDC	3.50A 1.00A 0.50A	5% 5% 10%	40W	RoHS
>SBU41-305	+5.0VDC +24.0VDC -12.0VDC	3.50A 1.00A 0.80A	5% 5% 10%	40W	RoHS
>SBU41-306	+3.3VDC +12.0VDC -5.0VDC	5.00A 2.00A 0.80A	7% 5% 10%	40W	RoHS