

SPU46 series

50W Desktop type switching power supplies for I.T.E

The SPU46 series of AC/DC switching mode **power** supplies provide 50 Watts of continuous output power. All supplies are UL 94V-1 min compliant. 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 60950-1:2ndEdition), TUV/GS(EN 60950-1:2ndEdition) and new CE requirements. All units are 100% burned in and tested.



Features

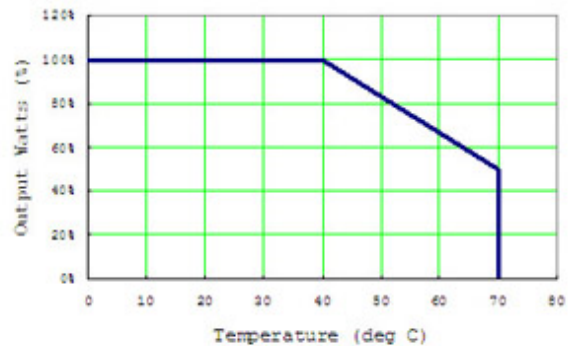
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Optional Output Connector
- Single Output
- Energy Star 2.0, Efficiency level V
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 75~88%
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 16mS min.
- Output ripple and noise: 1% (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.	Adj. Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
> SPU46-102	5 ~ 5.99 VDC	8.00 Max	5%	40W	UL, TUV-GS, CE, CB, CEC Level V, RoHS
> SPU46-103	6 ~ 8 VDC	7.50 ~ 5.62 A	5%	45W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-104	8 ~ 11 VDC	5.62 ~ 4.09 A	5%	45W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-105	11 ~ 13 VDC	4.09 ~ 3.46 A	5%	45W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-106	13 ~ 16 VDC	3.46 ~ 2.81 A	5%	45W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-107	16 ~ 21 VDC	3.12 ~ 2.38 A	5%	50W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-108	21 ~ 27 VDC	2.38 ~ 1.85 A	5%	50W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-109	27 ~ 33 VDC	1.85 ~ 1.51 A	4%	50W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-110	33 ~ 40 VDC	1.51 ~ 1.25 A	4%	50W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS
> SPU46-111	40 ~ 50 VDC	1.25 ~ 1.00 A	3%	50W	UL, TUV-GS, CE, CB, PSE, CEC Level V, RoHS