

SPU80 series

80W Desktop type switching power supplies for I.T.E.



The SPU80 series of AC/DC switching mode power supplies provide 80 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 60950-1:2nd Edition), TUV/GS(EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

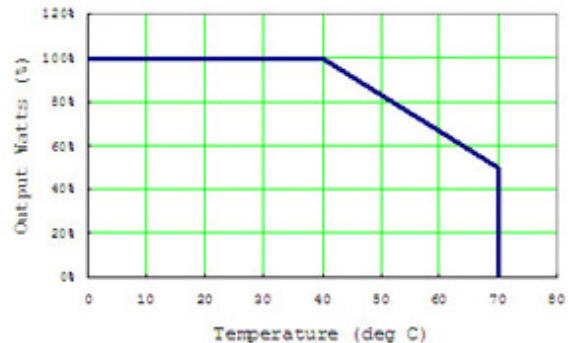
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Power Consumption (No Load) < 0.5W
- Active Power Factor Correction
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 82~92%.
- Line Regulation: 1% max.
- Load Regulation: 5%.
- 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.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶SPU80-105	11~13VDC	7.27~6.15A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, CEC-V, PSE, C-tick, RoHS
▶SPU80-106	13~16VDC	6.15~5.00A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, CEC-V, PSE, C-tick, RoHS
▶SPU80-107	16~21VDC	5.00~3.80A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, CEC-V, PSE, C-tick, RoHS
▶SPU80-108	21~27VDC	3.80~2.96A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, KC, CEC-V, PSE, C-tick, RoHS
▶SPU80-109	27~33VDC	2.96~2.42A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, CEC-V, PSE, C-tick, RoHS
▶SPU80-110	33~40VDC	2.42~2.00A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, KC, CEC-V, PSE, KC, C-tick, RoHS
▶SPU80-111	40~48VDC	2.00~1.66A	5%	80W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, CEC-V, PSE, C-tick, RoHS