

SPU40 series

40W Desktop type switching power supplies for I.T.E

The SPU40 series of AC/DC switching mode power supplies provide 40 Watts of continuous output power and is well-suited for a variety of applications. 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

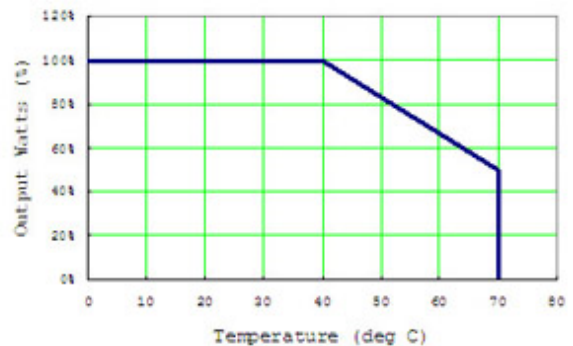
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- CEC & Energy Star compliance
- Single Output
- Approved as Limited Power Source (LPS)
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 78~90%.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 12mS 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
> SPU40-102	5 ~ 6 VDC	5.00 ~ 4.16 A	5%	25W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, KC, CEC-IV, RoHS
> SPU40-103	7 ~ 8 VDC	4.28 ~ 3.75 A	5%	30W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-IV (7~8V), RoHS
> SPU40-104	8 ~ 11 VDC	4.37 ~ 4.18 A	5%	35W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-IV, RoHS
> SPU40-105	11 ~ 13 VDC	3.63 ~ 3.07 A	5%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-106	13 ~ 16 VDC	3.07 ~ 2.50 A	4%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-107	16 ~ 21 VDC	2.50 ~ 1.90 A	4%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-108	21 ~ 27 VDC	1.90 ~ 1.48 A	3%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-109	27 ~ 33 VDC	1.48 ~ 1.21 A	3%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-110	33 ~ 40 VDC	1.21 ~ 1.00 A	3%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS
> SPU40-111	40 ~ 50 VDC	1.00 ~ 0.80 A	3%	40W	UL/CUL, TUV-GS, CE, CB, FCC, CCC, PSE, CEC-V, RoHS