

SPU41A series

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

The SPU41A series of AC/DC switching mode power supplies provide 40 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

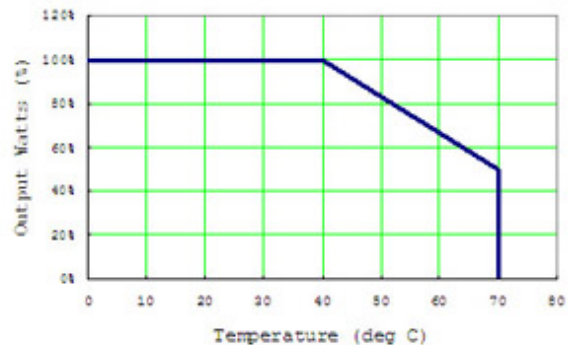
- ▣ Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- ▣ IEC-320-C14 Input Inlet
- ▣ Energy Star 2.0, Efficiency level V
- ▣ Single Output
- ▣ Class I
- ▣ 2 year warranty

Electrical characteristics

- ▣ Efficiency: 83~90%.
- ▣ Line Regulation: 1% max.
- ▣ Load Regulation: 5% 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 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
▶ SPU41A-102	5~5.99VDC	5.00A	5%	30W	UL, CB, CE, FCC, TUV-GS, NRCAn, CCC, CEC-V, RoHS
▶ SPU41A-103	6.5~8VDC	5.00~3.75A	5%	30W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS
▶ SPU41A-104	8~11VDC	4.375~3.18A	5%	35W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS
▶ SPU41A-105	11~13VDC	3.64~3.07A	5%	40W	UL, CB, CE, FCC, TUV-GS, CCC, CEC-V, RoHS
▶ SPU41A-106	13~16VDC	3.07~2.50A	5%	40W	UL, CB, CE, FCC, TUV-GS, CCC, CEC-V, RoHS
▶ SPU41A-107	16~21VDC	2.50~1.90A	5%	40W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS
▶ SPU41A-108	21~27VDC	1.90~1.48A	3%	40W	UL, CB, CE, FCC, TUV-GS, CCC, CEC-V, RoHS
▶ SPU41A-109	27~33VDC	1.48~1.21A	3%	40W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS
▶ SPU41A-110	33~40VDC	1.21~1.00A	2%	40W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS
▶ SPU41A-111	40~48VDC	1.00~0.83A	2%	40W	UL, CB, CE, FCC, TUV-GS, CEC-V, RoHS