

SPU25A series

25W Desktop type switching power supplies for I.T.E

The SPU25A series of AC/DC switching mode power supplies provide 25 Watts of continuous output power and is well-suited for a variety of applications. All supplies are UL 94V-1 min compliant. All model 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

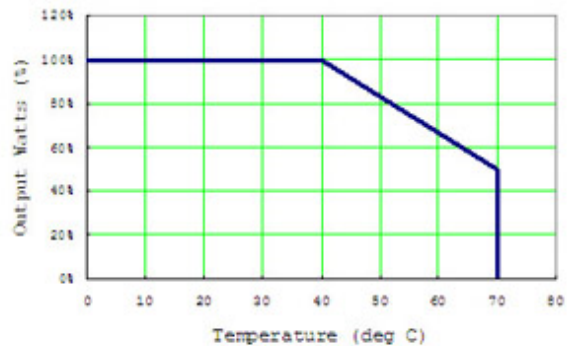
- ▣ Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- ▣ IEC-320-C14 Input Inlet
- ▣ Energy Star 2.0, Efficiency level V
- ▣ Single Output
- ▣ Class I
- ▣ 2 year warranty

Electrical characteristics

- ▣ Efficiency: 75~95%.
- ▣ Line Regulation: 1% max.
- ▣ Load Regulation: 5% max.
- ▣ Hold-up Time: 12mS min.
- ▣ Output ripple and noise: 2% (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: 300,000 calculated hours



Model No.	Adj. Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
> SPU25A-102	5 ~ 6 VDC	3.30 ~ 2.75 A	5%	16.5W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-IV, RoHS
> SPU25A-103	6 ~ 8 VDC	3.33 ~ 2.50 A	5%	20W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-IV, RoHS
> SPU25A-104	8 ~ 11 VDC	2.75 ~ 2.00 A	5%	22W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-IV, RoHS
> SPU25A-105	11 ~ 13 VDC	2.27 ~ 1.92 A	5%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-106	13 ~ 16 VDC	1.92 ~ 1.56 A	5%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-107	16 ~ 21 VDC	1.56 ~ 1.19 A	5%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-108	21 ~ 27 VDC	1.19 ~ 0.92 A	3%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-109	27 ~ 33 VDC	0.92 ~ 0.75 A	3%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-110	33 ~ 40 VDC	0.75 ~ 0.62 A	3%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS
> SPU25A-111	40 ~ 48 VDC	0.62 ~ 0.52 A	3%	25W	UL/CUL, TUV-GS, CE, CB, CCC, FCC, PSE, CEC-V, RoHS