

## SPU100 series

### 100W Desktop type switching power supplies for I.T.E.



The SPU100 series of AC/DC switching mode power supplies provide 100 Watts of continuous output power. All supplies are UL94V-1 min compliant. All models meet FCC Part-15 Class B and CISPR-11 EN55022 class B emission Limits and are designed to comply with UL/c-UL(UL 60950-1:2nd Edition), TUV/T-mark (EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



#### Features

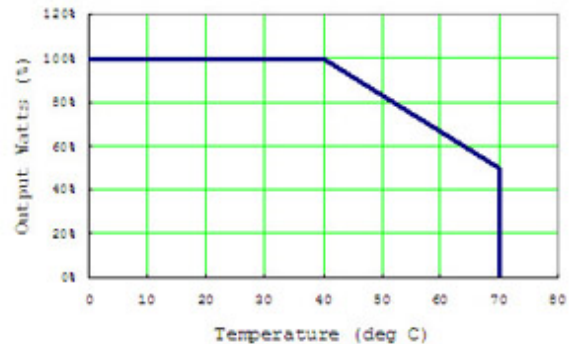
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Active Power Factor Correction
- Energy Star 2.0, Efficiency level V
- Class I
- 2 year warranty

#### Electrical characteristics

- Efficiency: 87~90%.
- 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.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
>SPU100-105	11~13VDC	9.09~7.69A	5%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS
>SPU100-106	13~16VDC	7.69~6.25A	4%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS
>SPU100-107	16~21VDC	6.25~4.76A	4%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS
>SPU100-108	21~27VDC	4.76~3.70A	4%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, KC, RoHS
>SPU100-109	27~33VDC	3.70~3.03A	3%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS
>SPU100-110	33~40VDC	3.00~2.50A	3%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS
>SPU100-111	40~48VDC	2.50~2.08A	3%	100W	UL, CB, CE, FCC, TUV_GS, CCC, BSMI, C-TICK, CEV, PSE, RoHS