

## SPU131 series

130W Desktop type switching power supplies for I.T.E.



The SPU131 series of AC/DC switching mode power supplies provide 130 Watts of continuous output power. All supplies are UL94V-1 min compliant. They are suited for a variety of applications. All models meet FCC Part-15 class B and CISPR-22 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

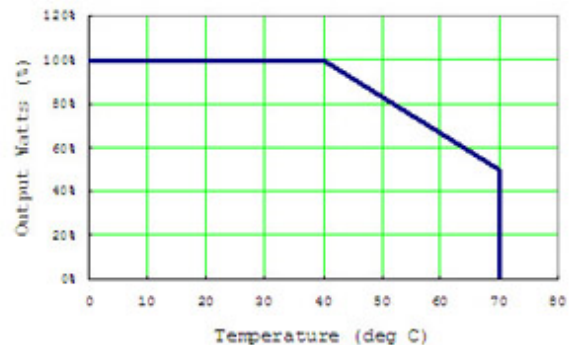
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- On/Off Switch (optional)
- Single Output
- Active Power Factor Correction
- Energy Star 2.0, Efficiency level V
- Class I
- 2 year warranty

### Electrical characteristics

- Efficiency: 87~89%.
- Line Regulation: 1% max.
- Load Regulation: 5% Typ.
- 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
▶ SPU131-105	12~13VDC	10.84~10.00A	5%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-106	13~16VDC	10.00~8.12A	5%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-107	16~21VDC	8.12~6.19A	5%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-108	21~27VDC	6.19~4.81A	3%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-109	27~33VDC	4.81~3.93A	3%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-110	33~40VDC	3.93~3.25A	3%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-111	40~50VDC	3.25~2.60A	3%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS
▶ SPU131-112	50~55VDC	2.60~2.36A	3%	130W	UL, CB, CE, CEC-V, FCC, TUV GS, CCC, PSE, RoHS