

SPU16A series

15W Desktop type switching power supplies for I.T.E

The SPU16A series of AC/DC switching mode power supplies provide 15 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

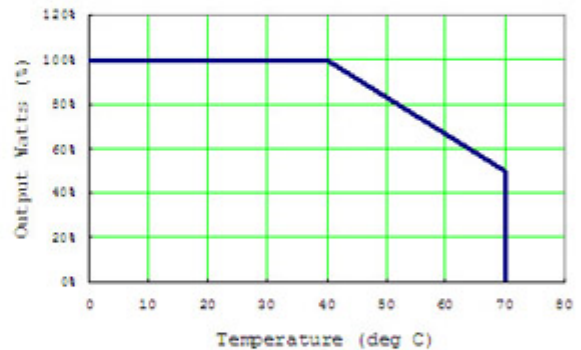
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 72~85%
- Line Regulation: 1% max.
- Load Regulation: 7% max.
- Hold-up Time: 8mS min.
- Output ripple and noise: 1% (max.).
- (The Ripple & Noise which is under 3.3VDC at 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: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Max. Output Power	Total Regulation	Certificate
▶SPU16A-101	3~5VDC	2.5A max	12W	7%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-IV, RoHS
▶SPU16A-102	5~5.99VDC	2.50~2.00A	12W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS
▶SPU16A-103	6~8VDC	2.00~1.50A	12W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS
▶SPU16A-104	8~11VDC	1.87~1.36A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, NRCAN, PSE, CEC-V, RoHS
▶SPU16A-105	11~13VDC	1.36~1.15A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, NRCAN, PSE, CEC-V, RoHS
▶SPU16A-106	13~16VDC	1.15~0.94A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS
▶SPU16A-107	16~21VDC	0.94~0.72A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS
▶SPU16A-108	21~27VDC	0.72~0.55A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, NRCAN, PSE, CEC-V, RoHS
▶SPU16A-109	27~33VDC	0.55~0.45A	15W	5%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS
▶SPU16A-110	33~40VDC	0.45~0.37A	15W	3%	CE, UL/CUL, TUV-GS, CB, CCC, FCC, PSE, CEC-V, RoHS