



SUU300 series

300W U-bracket type switching power supplies for I.T.E.

The SUU300 series of compact, open frame constructed, AC/DC switching mode power supplies provide 300Watts of continuous output power. They are suited for use in based systems, portable equipments and many other applications. All models meet FCC Part-15 class B and CISPR-22 class B emission Limits and are designed to comply with UL/c-UL(UL60950-1:2nd Edition) ,TUV/Bauart(EN60950-1:2nd Edition) and new CE ,FCC requirements. All units are 100% burned in and tested.



Features

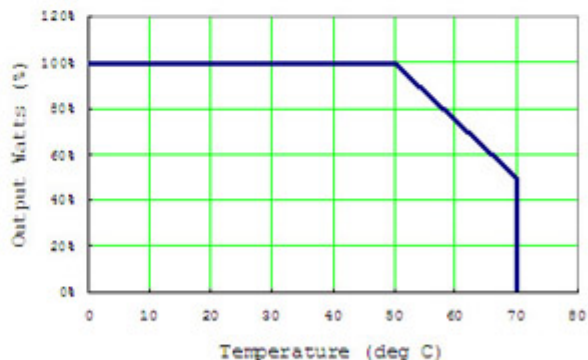
- Wide Operating Voltage 90 to 260 VAC,47 to 63 Hz
- Single Output
- Over Voltage Protection
- Active Power Factor Correction
- Zero Voltage Switching(ZVS) & High Efficiency up to 93%.
- Class I
- 2 year Warranty

Electrical characteristics

- Efficiency: 91% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 20mS min.
- Output ripple and noise: 1% (max.).

Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 50°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
▶SUU300-105	12VDC	23.0A	5%	276W	UL, CE, CB, FCC, TUV T-mark, RoHS
▶SUU300-108	24VDC	12.5A	3%	300W	UL, CE, CB, FCC, TUV T-mark, RoHS
▶SUU300-111	48VDC	6.25A	2%	300W	UL, CE, CB, FCC, TUV T-mark, RoHS