

EPU60A series

60W Desktop type switching power supplies



The EPU60A series of AC/DC switching mode **power** supplies provide 60 Watts of continuous output power. All supplies are UL 94V-1 min compliant. All models meet FCC Part-15 class B and CISPR-22 class B emission Limits and are designed to comply with UL/c-UL(UL 60950-1:2nd Edition), TUV/GS(EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

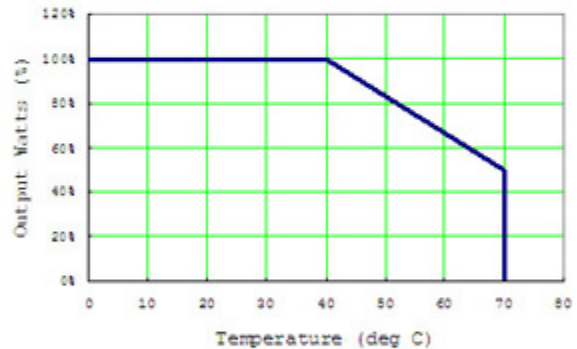
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Class I
- 1 year warranty

Electrical characteristics

- Efficiency: 87%(min.)
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 10mS 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: 100,000 calculated hours



| Model No. | Output Voltage | Max. Output Current | Total Regulation | Max. Output Power | Certificate |
|--------------|----------------|---------------------|------------------|-------------------|--|
| ▶ EPU60A-105 | 12~13VDC | 5.00~4.61A | 5% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-106 | 13~16VDC | 4.61~3.75A | 5% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-107 | 16~21VDC | 3.75~2.85A | 5% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-108 | 21~27VDC | 2.85~2.22A | 4% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-109 | 27~33VDC | 2.22~1.81A | 4% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-110 | 33~40VDC | 1.81~1.50A | 4% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |
| ▶ EPU60A-111 | 40~48VDC | 1.50~1.25A | 4% | 60W | UL, CE, CB, FCC, TUV-GS, CEC-V, LPS, PSE, RoHS |