

## EPU20B series

### 20W Desktop type [switching power supplies](#)

The EPU20B series of AC/DC switching mode [power supplies](#) provide 20 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 60950-1:2nd Edition), TUV/GS(EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned-in and tested.



#### Features

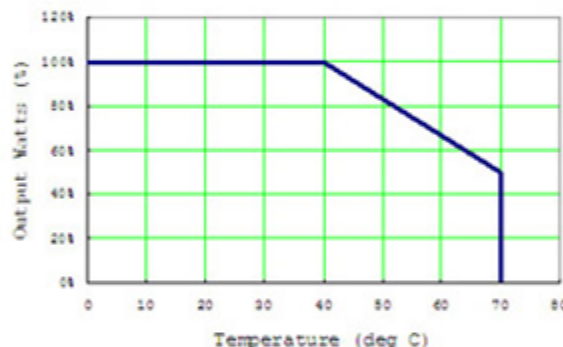
- Wide Operating Voltage 90 to 264VAC, 47 to 63 Hz
- IEC-320-C8 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class II
- 1 year warranty

#### Electrical characteristics

- Efficiency: 84% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 8mS 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.    | Adj. Output Voltage | Max. Output Current | Total Regulation | Max. Output Power | Certificate                              |
|--------------|---------------------|---------------------|------------------|-------------------|--|
| > EPU20B-102 | 5 ~ 6 VDC           | 3.00 ~ 2.50 A       | 5%               | 15W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-103 | 6 ~ 8 VDC           | 2.50 ~ 1.87 A       | 5%               | 15W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-104 | 8 ~ 11 VDC          | 2.50 ~ 1.81 A       | 5%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-105 | 11 ~ 13 VDC         | 1.81 ~ 1.53 A       | 5%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-106 | 13 ~ 16 VDC         | 1.53 ~ 1.25 A       | 5%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-107 | 16 ~ 21 VDC         | 1.25 ~ 0.95 A       | 4%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-108 | 21 ~ 27 VDC         | 0.95 ~ 0.74 A       | 4%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-109 | 27 ~ 33 VDC         | 0.74 ~ 0.60 A       | 4%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-110 | 33 ~ 40 VDC         | 0.60 ~ 0.50 A       | 4%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |
| > EPU20B-111 | 40 ~ 50 VDC         | 0.50 ~ 0.40 A       | 4%               | 20W               | UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS |