EPU20A series

20W Desktop type switching power supplies

The EPU20A 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 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class I
- 1 year warranty

Electrical characteristics

- Efficiency: 76~85%
- 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
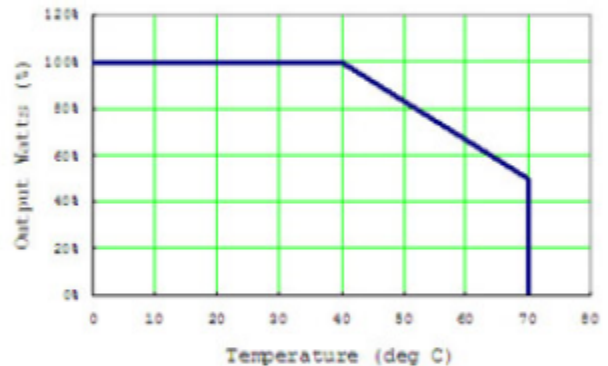
Model No.	Adj. Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
> EPU20A-102	5 ~ 6 VDC	3.00 ~ 2.50 A	5%	15W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, PSE, RoHS
> EPU20A-103	6 ~ 8 VDC	2.50 ~ 1.87 A	5%	15W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-104	8 ~ 11 VDC	2.50 ~ 1.81 A	5%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-105	11 ~ 13 VDC	1.81 ~ 1.53 A	5%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, PSE, RoHS
> EPU20A-106	13 ~ 16 VDC	1.53 ~ 1.25 A	5%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-107	16 ~ 21 VDC	1.25 ~ 0.95 A	4%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-108	21 ~ 27 VDC	0.95 ~ 0.74 A	4%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-109	27 ~ 33 VDC	0.74 ~ 0.60 A	4%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-110	33 ~ 40 VDC	0.60 ~ 0.50 A	4%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS
> EPU20A-111	40 ~ 50 VDC	0.50 ~ 0.40 A	4%	20W	UL/CUL, TUV-GS, CE, CB, FCC, CEC-V, RoHS