

HPU101 series

100W Desktop type medical [power](#) supplies



The HPU101 series of AC/DC switching mode [power](#) supplies provide 100 Watts of continuous output power. All supplies are UL94V-1 min compliant. All models meet FCC Part-18 Class B and CISPR-11 EN55011 class B emission Limits and are designed to comply with ANSI/AAMI ES 60601-1: 2005(UL/cUL 3rd Edition), EN 60601-1:2006 (TUV/T-mark 3rd Edition) and new CE requirements. All units are 100% burned in and tested.

Features

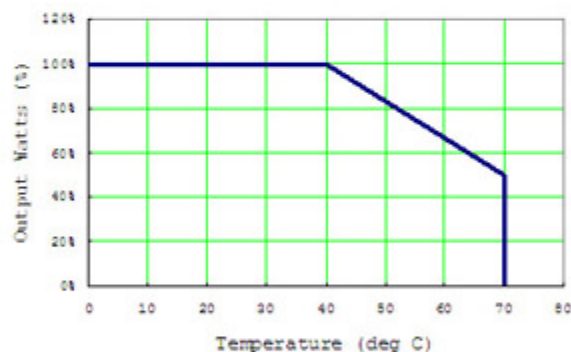
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Active Power Factor Correction
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 87% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 12mS min.
- Output ripple and noise: 0.5% (Typ.).

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
▶ HPU101-105	11~13VDC	9.09~7.69A	5%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-106	13~16VDC	7.69~6.25A	4%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-107	16~21VDC	6.25~4.76A	4%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-108	21~27VDC	4.76~3.70A	4%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-109	27~33VDC	3.70~3.03A	3%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-110	33~40VDC	3.03~2.50A	3%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS
▶ HPU101-111	40~48VDC	2.50~2.08A	3%	100W	UL, CB, CE, FCC, TUV T-mark, CCC, C-TICK, CEC-V, PSE, RoHS