


HPU100 series

100W Desktop type medical **power**  supplies for Health care applications

The HPU100 series of AC/DC switching mode **power**  supplies provide 100 Watts of continuous output power. All supplies are UL94V-1 min compliant. They are suited for use in Health care applications. All models meet FCC Part-18 Class B and CISPR-11 EN55011 class B emission Limits and are designed to comply with UL/c-UL(UL 60601-1:2nd Edition), TUV/T-mark (EN 60601-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

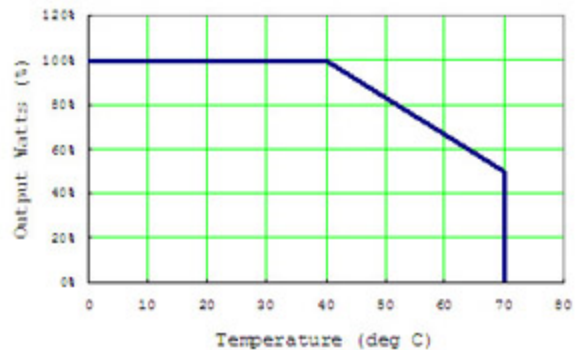
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Active Power Factor Correction
- Energy Star 2.0, Efficiency level V
- Class I
- 2 year warranty



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 
▶ HPU100-105	11~13VDC	9.09~7.69A	5%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS
▶ HPU100-106	13~16VDC	7.69~6.25A	4%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS
▶ HPU100-107	16~21VDC	6.25~4.76A	4%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS
▶ HPU100-108	21~27VDC	4.76~3.70A	4%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, KC, RoHS
▶ HPU100-109	27~33VDC	3.70~3.03A	3%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS
▶ HPU100-110	33~40VDC	3.00~2.50A	3%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS
▶ HPU100-111	40~48VDC	2.50~2.08A	3%	100W	UL, CB, CE, FCC, T-mark, CCC, BSMI, PSE, C-TICK, CEC-V, RoHS