

## 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
- Medical Safety 3rd (EN60601-1 3rd Edition)
- Input to Output : 2MOPP
- 3 year warranty

### Specification & safety report



Data



CB



CE



FCC



PSE (105~106)



PSE (106~109)

sheet (HPU101)



PSE (109~111)



CEC (V)



UL



CCC



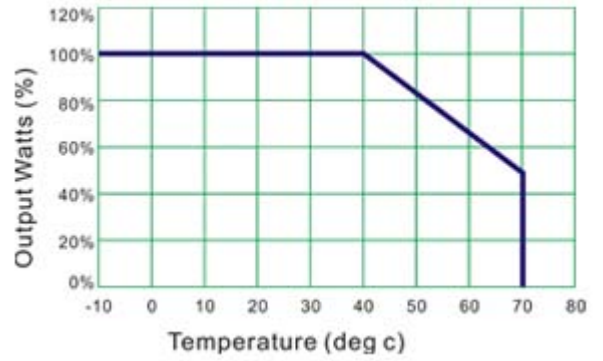
TUV T-mark

### 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: -10 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/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-106	13~16VDC	7.69~6.25A	4%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-107	16~21VDC	6.25~4.76A	4%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-108	21~27VDC	4.76~3.70A	4%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-109	27~33VDC	3.70~3.03A	3%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-110	33~40VDC	3.03~2.50A	3%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2
▶ HPU101-111	40~48VDC	2.50~2.08A	3%	100W	UL/cUL, CB, CE, FCC, TUV T-mark, CCC, CEC-V, PSE, RoHS2