

HPU180A series

180W Desktop type medical power supplies



The HPU180A series of AC/DC switching mode power supplies provide 180 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
- Over Voltage and Over Load protection
- Single Output
- Active Power Factor Correction
- Medical Safety 3rd (EN60601-1 3rd Edition)
- Input to Output : 2MOFF
- Class I
- 3 year warranty

Specification & safety report



Data



FCC



VCCI



CE



UL (NOA)



CB

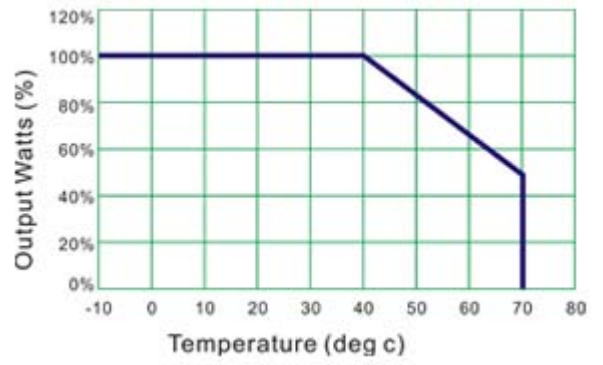
sheet (HPU180A)

Electrical characteristics

- Efficiency: 92% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 20mS 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
▶ HPU180A-105	12VDC	14.0A	5%	168W	UL/cUL, CB, FCC, VCCI, CE, RoHS2
▶ HPU180A-107	19VDC	9.47A	5%	180W	UL/cUL, CB, FCC, VCCI, CE, RoHS2
▶ HPU180A-108	24VDC	7.50A	4%	180W	UL/cUL, CB, FCC, VCCI, CE, RoHS2
▶ HPU180A-109	30VDC	6.00A	3%	180W	UL/cUL, CB, FCC, VCCI, CE, RoHS2
▶ HPU180A-110	33VDC	5.455A	3%	180W	UL/cUL, CB, FCC, VCCI, CE, RoHS2
▶ HPU180A-111	48VDC	3.75A	3%	180W	UL/cUL, CB, FCC, VCCI, CE, RoHS2