



HPU180B series

180W Desktop type medical power supplies

The HPU180B 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.

PRELIMINARY

Features

Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
IEC-320-C8 Input Inlet
Over Voltage and Over Load protection
Single Output
Active Power Factor Correction
Medical Safety 3rd (EN60601-1 3rd Edition)
Input to Output : 2MOPP
Class II
3 year warranty

Specification & safety report



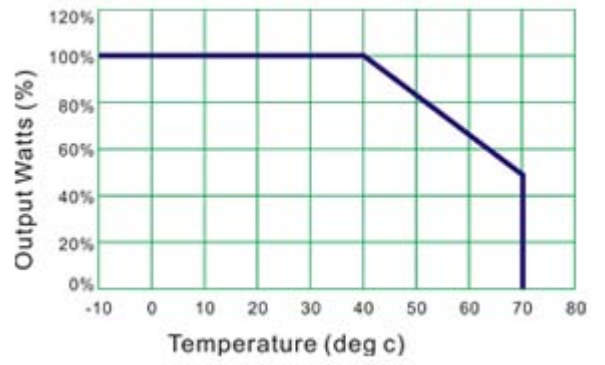
Data
sheet (HPU180B)

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
▶ HPU180B-105	12VDC	14.0A	5%	168W	RoHS2
▶ HPU180B-107	19VDC	9.47A	5%	180W	RoHS2
▶ HPU180B-108	24VDC	7.50A	4%	180W	RoHS2
▶ HPU180B-109	30VDC	6.00A	3%	180W	RoHS2
▶ HPU180B-110	33VDC	5.455A	3%	180W	RoHS2
▶ HPU180B-111	48VDC	3.75A	3%	180W	RoHS2