

HPU31A series

30W Desktop type medical power supplies for Health care applications.

The HPU31A series of AC/DC switching mode power supplies provide 30 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.



Agree to apply for the PSE if order on hand

Features

- Wide Operating Voltage 80 to 275 VAC, 47 to 63 Hz
- IEC-320-C18 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class II
- 3 year warranty

Specification & safety report



Data

sheet (HPU31A)



CE



FCC



T-mark



CB



PSE (102~103)



CEC (V)



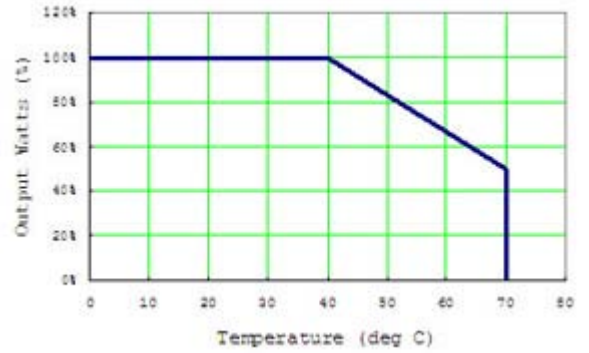
UL (NOA)

Electrical characteristics

- Efficiency: 83.5% typ.
- Line Regulation: 0.5% typ.
- Load Regulation: 5% typ.
- Hold-up Time: 12mS min.
- Output ripple and noise: 1% (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
▶ HPU31A-102	5~6VDC	4.00~3.33A	5%	20W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶ HPU31A-103	6~8VDC	3.83~2.87A	5%	23W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, PSE, RoHS2
▶ HPU31A-104	8~11VDC	3.38~2.45A	5%	27W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-105	11~13VDC	2.74~2.30A	5%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-106	13~16VDC	2.30~1.88A	5%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-107	16~21VDC	1.88~1.43A	5%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-108	21~27VDC	1.43~1.11A	3%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-109	27~33VDC	1.11~0.91A	3%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-110	33~40VDC	0.91~0.75A	3%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2
▶ HPU31A-111	40~48VDC	0.75~0.63A	3%	30W	UL/cUL, CE, CB, TUV T-mark, FCC, CEC-V, RoHS2