

## HPU12C series

### 12W Wall mount type medical power supplies for Health care applications

The HPU12C series of AC/DC switching mode power supplies provide 12 watts of continuous output power. This series is suitable for use in Health care and portable applications. All models meet FCC Part-18 class B and CISPR-11 EN55011 class B emission Limits and are designed to comply with TUV/T-mark(EN 60601-1:2ndEdition) and new CE requirements.



## Features

- Wide Operating Voltage 80 to 275 VAC, 47 to 63 Hz
- 2 Prong Plug-In Mains Connector
- Single Output
- Class II
- Energy Star 2.0, Efficiency level V
- Over Load protection
- 3 year warranty

## Specification & safety report



Data  
sheet (HPU12C)



CE



CEC\_V



FCC



CB



T-mark



PSE(102~106)



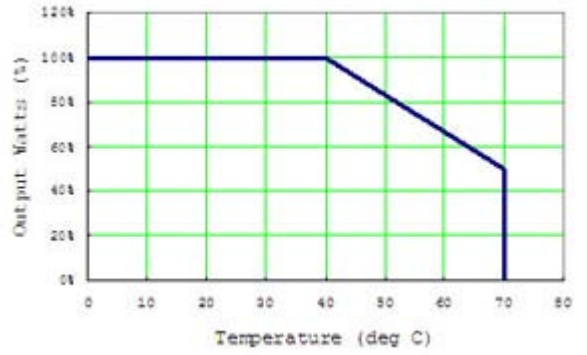
PSE(106~108)

## Electrical characteristics

- Efficiency: 77.7% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 10mS min.
- Output ripple and noise: 1% (max.).

## 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	Max. Output Power	Total Regulation	Certificate
▶ HPU12C-102	5~6VDC	2.00~1.66A	10W	5%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, RoHS2
▶ HPU12C-103	6~8VDC	2.00~1.50A	12W	5%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, RoHS2
▶ HPU12C-104	8~11VDC	1.50~1.09A	12W	5%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, CEC-V, RoHS2
▶ HPU12C-105	11~13VDC	1.09~0.92A	12W	5%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, CEC-V, RoHS2
▶ HPU12C-106	13~16VDC	0.92~0.75A	12W	5%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, CEC-V, RoHS2
▶ HPU12C-107	16~21VDC	0.75~0.57A	12W	3%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, CEC-V, RoHS2
▶ HPU12C-108	21~27VDC	0.57~0.45A	12W	3%	UL/cUL, CB, PSE, TUV T-mark, CE, FCC, CEC-V, RoHS2