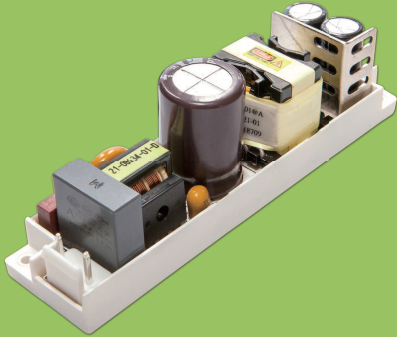


# High power density miniature open frame type medical power supply

Low Cost  
High Quality

HBU40  
HBU50



size : 1" x 4" x 1.28"

## ULTRA SLIM / COMPACT

### Features:

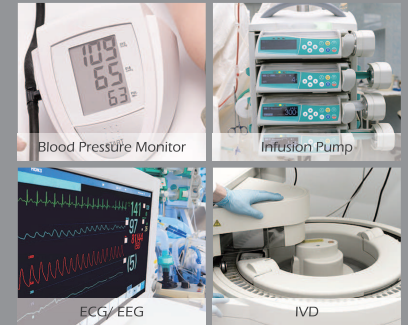
40 / 50W Max.  
5VDC~59VDC Output range  
Class II Protection  
3-year warranty

### Safety:

IEC60601-1:2005+A1 (3.1 version)  
IEC60950-1:2005+A1+A2 (for HBU40)  
IEC60601-1-2: 2014 (EMC4.0)  
Conduction Class B  
Radiation Class B  
ESD Immunity 8KV/15KV



### Application:



## ULTRA HIGH DENSITY & EFFICIENCY

### Features:

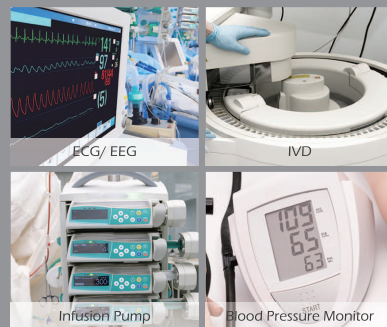
60W Max  
5VDC~ 48VDC Output range  
Class I Protection  
Low leakage current < 0.25mA  
Ultra low no-load consumption < 0.15W  
3-year warranty

### Safety:

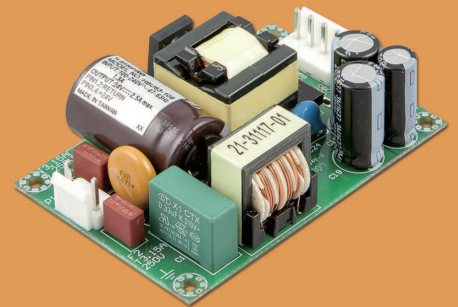
IEC60601-1:2005+A1 (3.1 version)  
IEC60601-1-2: 2014 (EMC4.0)  
Conduction Class B  
Radiation Class B  
ESD Immunity 8KV/15KV



### Application:



HBU63



size : 2"x3"x1.05"

## More Size available



60W/75W

**HBU58/75**

size : 1.5" x 4" x 1.04"  
5VDC ~ 48VDC Output  
Leakage current < 0.25mA  
OVP, OLP



100W/150W

**HBU100/100F**

size : 2" x 4" x 1.02"  
11VDC ~ 55VDC  
Leakage current < 0.25mA  
OVP, OLP / OTP (optional)



150W

**MBU152/ MBU153**

size : 3" x 5" x 1.44"  
12VDC, 24VDC  
Leakage current < 0.1mA  
OVP, OLP



250W

**MUU250**

size : 4.18" x 6" x 1.54"  
12, 24, 36, 48 VDC  
Leakage current < 0.17mA  
OVP, OLP



Sinpro Electronics Co., Ltd.

TEL:+886-7-396-6100

E-mail:sales@sinpro.com

http://www.sinpro.com



# Discover the Right Power Supply for your medical equipments

IEC 60601-1 3.1 / EMC 4.0 / ISO 13485



## About us

Sinpro Electronics is a professional medical AC/DC switching power supply manufacturer; we devoted ourselves in designing and manufacturing power supplies since 1995. We are certified by ISO 9001:2015, ISO 14001:2015 and ISO13485.

Sinpro provides power supply solutions for customers ; therefore, we not only provide standard products, but are also able to provide ODM and OEM service.

Sinpro medical power supplies support diverse medial applications such as IVD, Medical Image machines, Diagnostics and monitoring equipments, and Home healthcare devices.



## MEDICAL POWER SUPPLY FEATURE

- Wide input : 80 ~ 275 VAC
- 10W~350W
- Single / Multi outputs
- Low leakage current
- IEC60601-1:2005+A1 (3.1rd)
- IEC60601-1-2: 2014 (EMC4.0)
- Conduction Class B
- Radiation Class B
- ESD Immunity 8kV/15kV
- Warranty: 3-5 years



WALL MOUNT



DESKTOP



U FRAME



OPEN FRAME

## Medical Power Applications



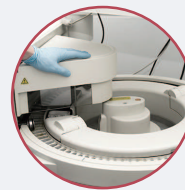
### Home Healthcare

- Blood Pressure Machine
- Blood-Glucose Meter
- Portable Device
- Oximeter



### Diagnostics and Monitoring

- ECG
- Patient Monitoring
- Brain Pacemaker
- Infusion Pump



### IVD

- Biochemical Analyzer
- Homogenizers
- Blood Analyzer
- ELISA Reader



### Medical Image

- Digital X-ray
- Endoscope
- Mammary Machine
- Computed Tomography

## More Product Available

In spite of Medical AC/DC power supplies, we have IT/ Industrial Power supplies, LED drivers, DC/DC converters, and we have cooperated with many brand customers on customized products. Sinpro has been become the good partner of power solution provider.

### IT/ Industrial Power



- Wall mount/ Desktop/ Open Frame/ U frame
- 10 W ~ 300 W
- Wide Output 3VDC to 50VDC
- Single to Quad Output
- Warranty up to 5-year

### LED Driver



- Super Compact & Slim Size
- 40W ~ 180W
- Wide Input 80 ~ 305VAC (85 ~ 180W)
- C.C.+C.V. mode
- Type HL Compliance
- IP68

### DC/DC converter



- 1W to 75W
- Input range 2:1 / 4:1
- Isolation 1000VDC / 1500VDC
- Single & Dual Output
- Unregulated / Regulated output
- SIP / DIP package

