



## 24 Watt Universal Input Medical Adapter Series PSS-22U Switching Power Supplies Series



### Features

- Universal Input
- Medical Approval
- EMI Class B

### Applications

- Blood Analyzer
- Non-Patient Connect Instruments

### Safety Approvals

- cUL 2601 Class I
- CE
- Nemko EN60601 (IEC601)

### Mechanical Characteristics

- Dimensions:
- Length: 110mm (4.33in)
  - Width: 58mm (2.28in)
  - Height: 32.3mm (1.27in)
  - Weight: 206gm (6.23oz)

### Output Specifications

Model	DC Output Voltage	Output Current	Ripple P-P	Regulation	
				Line	Load
PSS-22U-033	3.3V	4.00A	±1%	0.1%	±3.0%
PSS-22U-050	5.0V	4.00A	±1%	0.1%	±3.0%
PSS-22U-120	12.0V	2.00A	±1%	0.1%	±3.0%
PSS-22U-150	15.0V	1.60A	±1%	0.1%	±3.0%
PSS-22U-240	24.0V	1.00A	±1%	0.1%	±3.0%

(1) All measurements are at normal input, full load, and +25° C.

(2) Load regulation is measured at 115VAC or 230VAC in percentage to indicate the change in output voltage as the load varied from half load to full load(±%)

**INPUT:****AC Input Voltage**

90 to 264 VAC

**AC Input Frequency**

47 to 63Hz

**AC Input Current**

0.6A @ 115VAC

0.3A @ 230VAC

**AC Inrush Current**

15A @ 110VAC

30A @ 230VAC

**EMI (Conducted)**

EN 55022 FCC Class B

**AC Leakage Current**

Less than 0.1 mA @ 264VAC

**OUTPUT:****Hold-up Time**

16mS @ 115VAC

64mS @ 230VAC

**Overload Protection**115-130% of max. power of  
overrange or short circuit, power  
foldback & self-recovering**GENERAL:****Efficiency**

Typical 80%

**Operation Temperature**

0 to +40°C

**Storage Temperature**

-20°C to +85°C

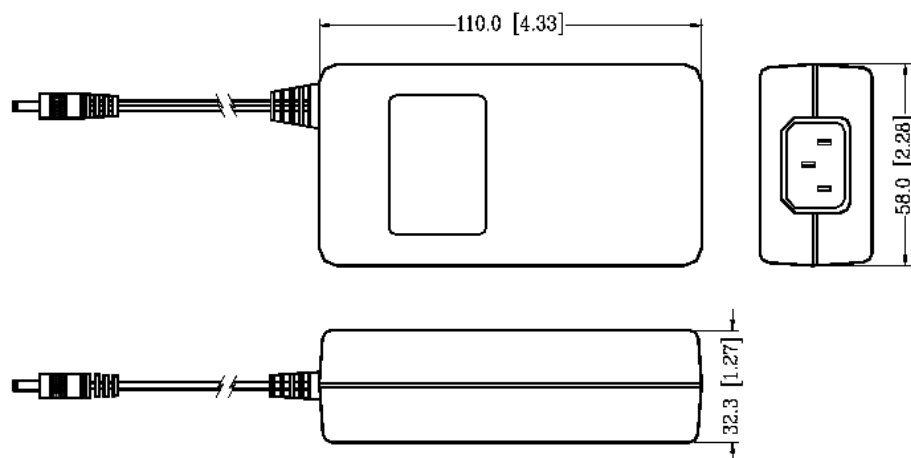
**Transient Response**Output Voltage Returns in Less  
than 3mS Following a 50% Load  
Change**Construction**Impact Resistant Thermo-Plastic  
Enclosure Case SE100 94VO Nylon**Dielectric Withstand**

1612V rms: Primary to Ground

4000V rms: Primary to Secondary

**DC Output Connector**

Center Positive Standard

**Dimension Diagram Unit: mm (inch)**

# Mouser Electronics

Authorized Distributor

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[PSS-22U-050](#) [PSS-22U-240-LF](#) [PSS-22U-120](#) [PSS-22U-150](#) [PSS-22U-033](#) [PSS-22U-150-LF](#) [PSS-22U-120-LF](#)