



Medical



Industrial

## FEATURES AND BENEFITS

USB-C with Power Delivery Output	CoC V5 Tier 2(2016)
Medical & ITE Safety Approvals	≤0.15W Standby Power
2 x MOPP Input to Output Isolation	5V, 9V, 12V, 15V, 20V Outputs, Up to 60W
Suitable for Medical Equipment Up to Class BF	5,000m Operating Altitude
Low Leakage Current ≤100μA	AC Inlet IEC60320 C8 (c. II)
DOE Efficiency Level VI	Interchangeable plugs (c.II)



## MODEL SELECTION

Model Number	Volts	Current	Rated Power	Ripple & Noise	Voltage Tolerance	Line & Load Regulation	Input Configuration	Start Up Delay
SLE60SPD96N01	5, 9, 12, 15, 20 V	3A	60W	150mV pk-pk	±5%	Line: ±2% Load: ±5%	Class II Desktop, IEC60320 C8 Receptacle	≤3s
SLE60SPD96B01	5, 9, 12, 15, 20 V	3A	60W	150mV pk-pk	±5%	Line: ±2% Load: ±5%	Class II Interchangeable Blades (Sold Separately)	≤3s

### Notes:

1. "N" in the model number (SLE60SPD99N01) indicates IEC60320 C8 inlet (class II).
2. Power supply is not provided with a line cord.
3. Power supply is not provided with a USB-C cable.
4. Power supplies are not medical equipment (applied parts), medical product manufacturers shall take responsibility for further evaluation of class B/BF/CF compliance of their end product.

## INPUT

Input Voltage Frequency	90VAC-264VAC - 47Hz-63Hz
Input Current	1.3A at 90VAC
Inrush Current	100A max at 240VAC cold start
Touch Leakage Current	≤100μA at 264VAC

## SAFETY

CB	Medical: IEC60601-1, ANSI/AAMI ES60601-1 ITE: IEC62638-1, UL62638-1
UL	Medical: CAN/CSA C22.2 NO. 60601-1 ITE: CAN/CSA C22.2 NO. 62638-1
TUV	Medical: EN60601-1 ITE: EN62638-1



## EMI/EMC COMPLIANCE

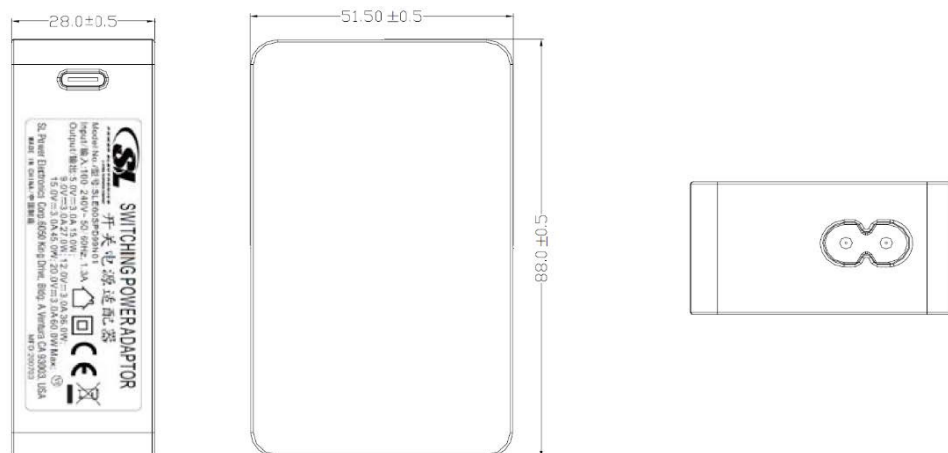
Conducted Emissions	Medical: IEC/EN 60601-1-2, CISPR 11 ITE: EN55032 Class B, CISPR 22
Radiated Emissions	Medical: IEC/EN 60601-1-2, CISPR 11 ITE: EN55032 Class B, CISPR 22
Immunity	Medical: IEC/EN 60601-1-2 ITE: EN55024, CISPR 24
Electro-Static Discharge (ESD) Immunity on Power Ports	EN61000-4-2, ±15kV air, ±8kV contact
Radiated RF EM Fields Susceptibility3	EN61000-4-3, 10V/m, 3V/m (80MHz-2.7GMHz)
Electrical Fast Transients (EFT)/Bursts	EN61000-4-4, ±2kV on AC port, ±1kV on signal ports
Surges, Line to Line (DM) and Line to Ground (CM)	EN61000-4-5, ±2kV line to ground, ±1kV line to line (diff mode)
Conducted RF Immunity	EN61000-4-6, 3Vrms, 6Vrms (0.15MHz-80MHz)
Power Frequency Magnetic Field Immunity	EN61000-4-8, 30A/m
Voltage Dip Immunity	EN61000-4-11, 0%, 70%, 0% of UT
Harmonic Current Emissions	EN61000-3-2, Class A
Flicker Test	EN61000-3-3

## RELIABILITY

MTBF	>100,000 hours MIL-HDBK-217 at 25°C
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## OUTLINE DRAWING

DC Cable	
Connector	USB-C



## PROTECTION

Overload Protection	120%-200% rated output power, Auto-recovery
Overvoltage Protection	120%-200% rated output voltage input to reset
Short circuit Protection	Trip and restart - Hiccup Mode

## ISOLATION

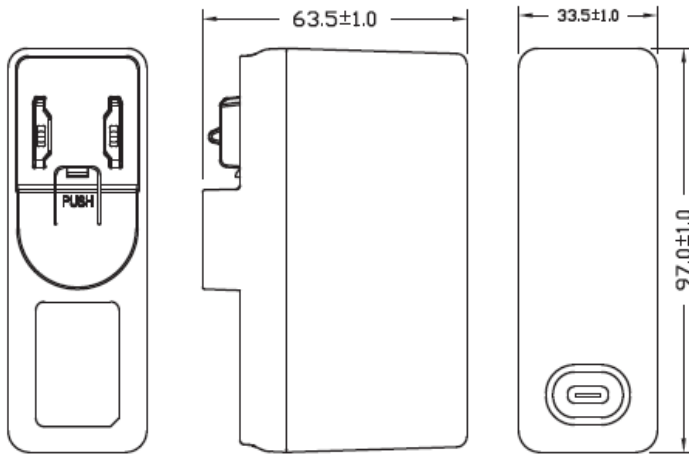
Isolation Safety Rating	4,000VAC Input to Output (2 x MOPP)
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## ENVIROMENT

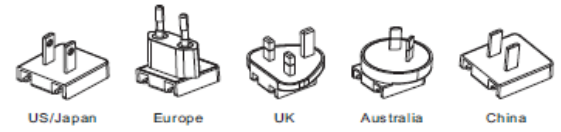
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Weight	Desktop - 185g / Wall Plug - 205g
Dimensions	51.5mm x 88.0mm x 28.0mm
Operating Humidity	5% RH to 95% RH, non-condensing
Storage Humidity	5% RH to 95% RH
Operating Altitude	5,000m
Dielectric Withstand Voltage	4,000 VAC input to output
Insulation Resistance	10M Ohms, 500VDC input to output

## PACKAGING

Weight, Packing Qty	Desktop : 16.8Kg Box - 80/carton Wall plug: 14.3Kg Box - 60/Carton
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**Interchangeable AC Plug Options**



**DC Connector:** USB TYPE-C

Unit: mm

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