



LEAN LINE  
OF A POWER SOURCE



\* Blades sold separately



Medical



Industrial

### FEATURES AND BENEFITS

Medical & ITE Safety Approvals	CoC V5 Tier 2(2016)
2 x MOPP Input to Output Isolation	≤0.075W Standby Power
Suitable for Medical Equipment Up to Class BF <sup>(6)</sup>	4.2V to 12V Outputs, Up to 6W
Low Leakage Current ≤10μA	Up to 5,000m Operating Altitude
DOE Efficiency Level VI	Interchangeable AC Plugs or Fixed Blade Versions



### MODEL SELECTION

Model Number <sup>3,4,5</sup>	Volts <sup>(1)</sup>	Current	Rated Power	Ripple & Noise <sup>(max)(2)</sup>	Voltage Tolerance	Line & Load Regulation	Efficiency (Average)	Start Delay
SLE06S0503B01	5.0V	1.0A	5.0W	150mV pk-pk	±5%	Line: ±1% Load: ±5%	73.83%	≤3s
SLE06S0903B01	9.0V	0.6A	5.4W	200mV pk-pk	±5%		73.77%	≤3s
SLE06S1203B01	12.0V	0.5A	6.0W	200mV pk-pk	±5%		78.16%	≤3s
SLE06S0503C01	5.0V	1.0A	5.0W	150mV pk-pk	±5%	Line: ±1% Load: ±5%	73.83%	≤3s
SLE06S0903C01	9.0V	0.6A	5.4W	200mV pk-pk	±5%		73.77%	≤3s
SLE06S1203C01	12.0V	0.5A	6.0W	200mV pk-pk	±5%		78.16%	≤3s

Notes:

1. Measured at output connector with 20MHz bandwidth and 0.1μF ceramic in parallel with 10μF electrolytic capacitors.
2. Other output voltages in the range of 5V through 24V are available, contact our sales representative for details.
3. "B" in the model number (SLE18S0503B01) indicates interchangeable blade model. "C" = N.A.fixed blade input.
4. "03" in the model number indicates 2.5 x 5.5 x 9.5mm straight barrel type connector. "99" indicated USB "A" port output. Other output connector options are available, please contact our sales representative for details.
5. Power supply is not fitted with the AC blade, this is to be ordered separately. See outline drawing below for details
6. 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 and Frequency	90VAC~264VAC 47Hz~63Hz
Input Current	0.2A at 90VAC
Inrush Current	30A max at 240VAC cold start
Touch Leakage Current <sup>(max)</sup>	≤10μA at 264VAC

### SAFETY

CB	Medical: IEC60601-1 ITE: IEC62638-1
UL	Medical: UL60601-1, CSA C22.2 NO. 60601-1 ITE: UL62638-1, CAN/CSA C22.2 NO. 62638-1
TUV	Medical: EN60601-1 ITE: EN62368-1
RCM	ITE: AS/NZS 62638.1
CCC	ITE: GB4943.1
PSE	ITE: J62368-1
KC	K62638-1 (4.2VDC to 6VDC model only)



### EMI/EMC COMPLIANCE

Conducted Emissions	Medical: IEC/EN 60601-1-2, CISPR 11 ITE: EN55022, CISPR 22
Radiated Emissions	Medical: IEC/EN 60601-1-2, CISPR 11 ITE: EN55022, 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 Susceptibility <sup>3</sup>	EN61000-4-3, 10V/m, 3V/m (80MHz-2700MHz)
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, ±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

### PACKAGING

Weight, Packing Qty	85g, Individual Box: 50/carton; Egg-crate: 100/carton
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### MECHANICAL DRAWING

**DC Cable<sup>(\*)</sup>** UL2468 22AWG 1,800mm, 2.5mm x 5.5mm x 9.5mm , center "+"

**Connector<sup>(\*)</sup>** USB 2.0 port for 5V (PIN1 "+", PIN4 "-", PIN 2&3 shorted)

#### Interchangeable AC Blade Options

\* Blades sold separately, use "KT" number above for ordering

Unit: mm

### ENVIRONMENT

Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to 60°C
Weight	85 grams
Dimensions	73.5mm x 42.5mm x 30.7mm
Operating Humidity	10% RH to 90% RH, non-condensing
Storage Humidity	5% RH to 90% RH
Operating Altitude	5,000m
Dielectric Withstand Voltage	5,656VDC input to output
Insulation Resistance	100M Ohms, 500VDC input to output

### PROTECTION

Overload Protection	120%–150% rated output power, Auto-recovery
Overvoltage Protection	120%–150% rated output voltage input to reset
Short Circuit Protection	Trip and restart - Hiccup Mode

### RELIABILITY

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

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