

FEATURES

- Meet DOE Level VI and EU ErP Efficiency Compliant
- 3-prong IEC320-C14, Class I AC inlet
- Medical safety approved (2x MOPP between primary to secondary)
Suitable for BF application with appropriate system consideration
- Altitude during operation : ITE up to 5000m , Medical Below 5000m
- < 0.15W No Load Input Power
- Touch current less than 100uA
- 3 year warranty

ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Inrush current : < 50A peak @115VAC; < 90A(5V 120A) peak
@230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 89% @average Efficiency, 115/230VAC (Except +5V model)
- Maximum output power (Po) : 40Watts / 60Watts / 65Watts
- Hold-up time : > 16ms typical @full load, 115VAC
- Short Circuit Protection: Auto-recovery
- Over Load Protection: Auto-recovery
- Over Voltage Protection: Latch off, AC recycle

ENVIRONMENTAL

- Operating temperature : -20 to +60°C (Refer to derating curve)
- Operating Humidity: 10% to 95%, Non-condensing.
- Storage temperature: -20°C to +85°C, Non-condensing.
- Storage Humidity: 0% to 95%, Non-condensing.
- MTBF : > 350,000 hours @full load and 25°C ambient temperature based on Telcordia SR-332(Bellcore)

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Efficiency Level
MDL60-05SX-W6	+ 5V	8A	40W	±5%	120mV	VI
MDL60-12X-W6	+ 12V	5A	60W	±5%	120mV	VI
MDL60-15SX-W6	+ 15V	4A	60W	±5%	150mV	VI
MDL65-19SX-W6	+ 19V	3.42A	65W	±3%	190mV	VI
MDL65-24SX-W6	+ 24V	2.7A	65W	±3%	240mV	VI
MDL65-28SX-W6	+ 28V	2.32A	65W	±3%	280mV	VI
MDL65-36SX-W6	+36V	1.81A	65W	±3%	360mV	VI
MDL65-48SX-W6	+ 48V	1.35A	65W	±3%	480mV	VI

Note: 1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.



RoHS Compliant

Dimension : L132 × W69 × H40 mm (5.2" × 2.72" × 1.57")
Weight : 0.39 kgs. (0.86 lbs)

SAFETY STANDARDS

UL/cUL 60601-1
TUV EN 60601-1
CB IEC 60601-1

EMC STANDARDS

EN 60601-1-2
IEC 60601-1-2
EN 55011 Class B
FCC Part 18 Class B
CE