

MDS



- Universal AC input voltage range
- Safety approvals for medical and IT applications
- Compliant with IEC 60601-1-2 Ed. 4 requirements
- Suitable for type BF patient access applications
- ATX 12 V standard function & form factor
- Maximum output power of 350 watts
- Built-in active PFC

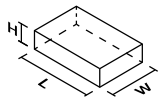
Applications



Medical PC

Output		MDS-350AD701						
Output Voltage		+3.3 V	+5 V	+5 V _{SB}	+12 V ₁	+12 V ₂	-12 V	-5 V
Output Current (Nom)		8.0 A	9.0 A	1.25 A	8.0 A	8.0 A	0.25 A	0.1 A
Output Power		350 W						
Load Regulation		± 5%					± 10%	
Ripple & Noise		< 50 mVpp	< 50 mVpp	< 150 mVpp	< 120 mVpp	< 120 mVpp	< 120 mVpp	< 50 mVpp
Input								
Input Voltage Range		90-264 V _{AC}						
Input Frequency		47-63 Hz						
Efficiency	115 V _{AC} (60 Hz)	82% typ.						
	230 V _{AC} (50 Hz)	85% typ.						
Leakage Current ¹⁾		< 0.1 mA @ NC, < 0.3 mA @ SFC						
Mechanical								
Dimensions (L × W × H)	mm	194 × 100 × 40.5						
	inch	7.64 × 3.94 × 1.59						
Unit Weight	kg	1.20						
	lb	2.65						
MTBF ²⁾		500,000 hrs						
EMC & Emissions		EN 55011/EN 55032, FCC Title 47: Class B						
Environment								
Operating Temperature ³⁾		0°C to +50°C						
Storage Temperature		-40°C to +85°C						
Operating Humidity		5 to 95% RH (Non-Condensing)						
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)						
Medical Rating								
Float Rating		BF						
MOPP		2 × MOPP						

Dimensions Reference



Notes

- 1) NC: normal condition, SFC: single fault condition.
- 2) MTBF as per Telcordia SR-332 (I/P: 115 V_{AC}, O/P: 100% load, Ta: 35°C).
- 3) Refer power de-rating in the product datasheet.