


SPECIFICATIONS - 36W DESKTOP POWER SUPPLY

Model		T36DESK	
Output	Rated Voltage (1)	5-24V	
	Rated Power	20(5V)-36W	
	Ripple & Noise (2)	100mVp-p	
	Current Range	1.5-4A(Max. 36W)	
	Total Regulation	+/- 5%	
	Overshoot/Undershoot	10%	
	Turn On Delay (Max.)	2s	
	Hold-up Time	10ms @ 115Vac/60Hz max. load & 20ms @ 230Vac/50Hz	
Input	Rated Voltage	100 ~ 240 Vac (90-264Vac Operational)	
	Frequency Range	50Hz ~ 60Hz (47~63hZ Operational)	
	Efficiency	68% (Min.)	
	Inrush Current	60A (At 100-240Vac input 25°C Cold Start.)	
	AC Current (Typ.)	1 A / 100-240 VAC	
	Leakage Current	0.25mA (Max.)	
Protections	Short Circuit	Hiccup mode, no damage shall occur and the power supply shall restart when the fault condition is removed	
	Over Voltage	Latch mode, recycle AC to restart power supply	
	Overload	Hiccup mode, at 150% (Max.) rated load and the power supply shall restart when the fault condition is removed	
Environment	Temperature Range	Operational	0°C ~ 40°C
		Storage	- 20 ~ +70°C
	Humidity	Operational	20% ~90% R.H
		Storage	20% ~90% R.H
Safety & EMC	Safety Standards	UL/cUL60950, LVD & CE	
	No load Power Dissipation	< 0.3W	
	Insulation Resistance	Input to output: Min. 50M OHM at 500 VDC.	
	Dielectric Strength	Primary to Secondary: DC 4242 V , 3.5mA Max , for 3 seconds	
	Conducted & Radiated EMI	EN 55022: 2006+A1:2007, CISPR22 Class B and FCC part 15 Class B : 2008, J55022	
	EMS	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11	
Others	MTBF	>50,000 hours (Measured at 110Vac input, 100% Load and 25°C ambient temperature (MIL-HDBK-217F))	
	Burn-in	2-4 Hours at 40C (+/-5%) at full load, input cycling	
	Dimension (L*W*H)	105 × 45 × 33 mm (+/-0.5mm) – 3.54 × 1.6 × 1.77 inch	
	Output Cable	1500mm	
	Weight	295g	
	RoHS	Complies with EU Directive 2011/65/EU	
	WEEE	Complies with EU Directive 2002/96/EC	
	EISA 2007	Complies with requirements for external power supplies. EU	
		Complies with EU Code of Conduct on external power supplies	