



36W Desktop Series Power Supply

Features:

- * Universal AC Input 100 - 240Vac
- * Output Voltage: 5-48Vdc
- * Regulated Output With Low Ripple Noise
- * Safety Agency Requirements and EMI/EMS Certified
- * Short Circuit, Over Voltage & Over Current Protections



Input	
Voltage (Vac)	100-240
Maximum Current (Amp)	1
Line Frequency (Hz)	50-60
Configuration	IEC60320/C6(PSD Series), C8 (PS2D Series), C14 (PS Series)

Output	
Load Regulation	+5% (Typical)
Ripple	1 - 2% Vp-p Max. for output voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holding Time	10mS @ Full Load
Protection	Short Circuit Protection; Over Voltage Protection; Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG / 16AWG
Ferrite Core	No (Optional)

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25 degree celsius by Telcordia SR-332

Environmental	
Operating Temperature	0 to +40 degree celsius
Storage Temperature	-20 to +80 degree celsius
Operating Relative Humidity	20 to 80% RH
Storage Relative Humidity	10 to 90% RH

Safety	
Certified with CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS	

PART NUMBER	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (Amp)	WATTAGE (W)
PS-5050APL6A	5	5.0	25
PS-5050APL05	5	5.0	25
PS-7540APL6A	7.5	4.0	30
PS-7540APL05	7.5	4.0	30
PS-8535APL06	8.5	3.5	30
PS-8535APL05	8.5	3.5	30
PS-9033APL06	9	3.3	30
PS-9033APL05	9	3.3	30
PS-1230APL05	12	3.0	36
PS-1230APL6A	12	3.0	36
PS-1326APL06	13	2.6	36
PS-1326APL05	13	2.6	36
PS-1524APL06	15	2.4	36
PS-1524APL05	15	2.4	36
PS-1622APL06	16	2.2	36
PS-1622APL05	16	2.2	36
PS-1820APL06	18	2	36
PS-1820APL05	18	2	36
PS-2415APL05	24	1.5	36
PS-2415APL06	24	1.5	36
PS-2415APL6A	24	1.5	36
PS-4875PL06	48	0.75	36
PS-4875PL05	48	0.75	36