



50W 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)	1.2
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 / 18AWG / 16AWG
Ferrite Core	Yes

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pins / 0.35mA @ 3 Pins
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

Enviromental	
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-50100APL05	5	10	50
PS-50100APL06	5	10	50
PS-9040APL05	9	4	36
PS-9040APL6A	9	4	36
PS-9050APL05	9	5	45
PS-9050APL06	9	5	45
PS-1233APL05	12	3.3	40
PS-1233APL06	12	3.3	40
PS-1242APL05	12	4.2	50
PS-1242APL06	12	4.2	50
PS2D-1242APL05	12	4.2	50
PS2D-1242APL14	12	4.2	50
PS-1337APL05	13.5	3.7	50
PS-1337APL06	13.5	3.7	50
PS-1533APL05	15	3.3	50
PS-1533APL06	15	3.3	50
PS-1827APL05	18	2.7	50
PS-1827APL06	18	2.7	50
PS-1926APL05	19	2.6	50
PS-1926APL06	19	2.6	50
PS-2421APL06	24	2.1	50
PS-2421APL05	24	2.1	50
PS-4810APL06	48	1	50
PS-4810APL05	48	1	50