

Description & Features

APWD12 is a highly reliable 12V output desktop power adapter series. The entire series supplies different models with output currents 1A / 2A / 3A / 5A, that can satisfy the demands for various types of electronic devices and security systems.



- High efficiency up to 85%, long life and high reliability
- Protection: input fuse / short circuit
- Optional input plugs
- Universal AC input
- LED indicator for power on
- 94V-0 flame retardant plastic case
- 100% full load burn-it test
- Withstand 5G vibration test
- 2 years warranty



SPECIFICATION

MODEL	APWD1201-01C	APWD1202-01C	APWD1203-01C	APWD1205-01C	
OUTPUT	Voltage	12V	12V	12V	12V
	Rated Current	1A	2A	3A	5A
	Rated Power	12W	24W	36W	60W
	Efficiency (Typ.)	>80%	>85%	>85%	>85%
	Ripple & Noise	<120mVp-p			
	Voltage Tolerance	±2%			
	Line Regulation	±2%			
	Load Regulation	±2%			
	Output Channel	1 channel			
INPUT	Voltage Range	100 - 240VAC			
	Frequency Range	50 - 60Hz			
PROTECTION	Input	1A / 250VAC fuse	2A / 250VAC fuse	2A / 250VAC fuse	3A / 250VAC fuse
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.			
ENVIRONMENT	Working Temperature	-20 - 50°C			
	Working Humidity	20 - 80%RH			
	Storage Temperature	-30 - 80°C			
	Storage Humidity	10 - 90%RH			
SAFETY & EMC	EMC Standards	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013			
	LVD Standards	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013			
CABLE	Output Length	1000mm			
	Output Diameter	22AWG	22AWG	22AWG	20AWG
	Input Length	500mm			
	Input Diameter	20AWG			
DIMENSION & PACKING	Product Dimension	70 x 44 x 31mm	108 x 46 x 35mm	108 x 46 x 35mm	108 x 60 x 35mm
	CTN Size	42.5 x 39.5 x 30mm	41.5 x 41.5 x 39mm	41.5 x 41.5 x 39mm	41.5 x 41.5 x 39mm
	CTN Weight	17kg / CTN	21.5kg / CTN	22kg / CTN	27kg / CTN
	CTN Capacity	100pcs / CTN	100pcs / CTN	100pcs / CTN	100pcs / CTN