

# 40W Single Output Switching Power Supply

### Features

- Full range AC input
- Over-voltage, over current, short circuit protection
- Heat from the cold
- 100% full load burn-in test
- Low-cost, high reliability



129\*98\*38 (L\*W\*H)

### ► Technical parametric

Model	APS02AC-40-5B	APS02AC-40-12B	APS02AC-40-15B	APS02AC-40-24B
DC output voltage	5V	12V	24V	24V
Output voltage	± 2%	± 1%	± 1%	± 1%
Rated output current	8A	3.5A	2.8A	1.8A
Output current range	0~8A	0~3.5A	0~2.8A	0~1.8A
Wave and noise	75mVp-p	100mVp-p	100mVp-p	100mVp-p
Inlet stability	± 0.5%	± 0.5%	± 0.5%	± 0.5%
Load stability	± 1%	± 0.5%	± 0.5%	± 0.5%
DC output power	40W	42W	42W	43W
Efficiency	72%	76%	76%	78%
Adjustable range for DC voltage	+10,-5%	± 10%	± 10%	± 10%
AC input voltage range	85~264VAC 47~63Hz; 120~370VDC			
Input current	1.2A/115VAC 0.6A/230VAC			
AC inrush current	Cold start current 25A/115V 50A/230V			
Leakage current	<1mA/240VAC			
Overload protection	105%~150% Shut off current, automatically restore			
Over voltage protection	Output power 115~135%			
High temperature protection	.....			
Temperture coefficient	± 0.03%/°C ( 0~50°C )			
Setup, rise, hold up time	300ms, 50ms, 60ms			
Vibration	10~500Hz, 2G 10Min / cycle, X, Y, Z axis of the 60 minutes			
Withstand voltage	Input and output internal: 1.5KVAC ,input and enclosure: 1.5KVAC, output and enclosure: 0.5KVAC			
Isolation resistance	Input and output internal, input and enclosure, output and enclosure: 500VDC/100MΩ			
Working temperature and humidity	-10°C~+60°C, 20%~90%RH			
Store temperature and humidity	-20°C~+85°C, 10%~95%RH			
Weight	0.44Kg			

### ► Installation dimensions (mm)

