

100W Single Output Switching Power Supply

Features

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



199*98*38 (L*W*H)

► Technical parametric

Model	APS02AC-100-5	APS02AC-100-12	APS02AC-100-15	APS02AC-100-24	APS02AC-100-48
DC output voltage	5V	12V	15V	24V	48V
Output voltage	± 2%	± 1%	± 1%	± 1%	± 1%
Rated output current	20A	8.5A	6.7A	4.5A	2A
Output current range	0~20A	0~8.5A	0~6.7A	0~4.5A	0~2A
Wave and noise	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
Inlet stability	± 0.5%	± 0.3%	± 0.3%	± 0.2%	± 0.2%
Load stability	± 0.5%	± 0.3%	± 0.3%	± 0.2%	± 0.2%
DC output power	100W	102W	100.5W	108W	96W
Efficiency	78%	81%	81%	84%	84%
Adjustable range for DC voltage	+10,-5%	± 10%	± 10%	± 10%	± 10%
AC input voltage range	85~132VAC / 170~264VAC Selected by switch 47~63Hz ; 255~370VDC				
Input current	2.4A/115VAC 1.2A/230VAC				
AC inrush current	Cold start current 30A/115V 60A/230V				
Leakage current	<1mA/240VAC				
Overload protection	105%~150% Shut off current, automatically restore				
Over voltage protection	Output Voltage of 115%~135%				
High temperature protection				
Temperture coefficient	± 0.03%/°C (0~50°C)				
Setup, rise, hold up time	200ms, 80ms, 20ms				
Vibration	10~500Hz, 2G 10 minutes / 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	0.65Kg				

► Installation dimensions (mm)

