

ADP 56WA/WB Series

Single Output, 56 Watt, Universal AC-DC Power Supplies



New Release!!

The ADP 56WA and WB Series are light, compact, and efficient power supplies. These supplies are ideal for a wide range of limited space applications for notebook computers, printers and instrumentation. The ADP Series quietly delivers continuous power, while complying with international safety standards. The ADP Series are enclosed in a molded sealed plastic case.

Features

- Sanken's patented SMZ(Soft-switched Multi-resonant, Zero-current switching) topology
- High Efficiency, 84% Nominal
- Ultra Miniature Size, 114.5mm x 49.5mm x 27mm (158cc)
- Universal Input 90 to 265Vac
- Meets Worldwide Safety Standards
- Tight Voltage Regulation
- Over-Current Protected
- Two types available: 2 pin Inlet and 2 pin Barrel Output (WA)
3 pin Inlet and 2 pin Barrel Output (WB)
- Meets FCC, VCCI Class 2 and CISPR Level "B" EMI Requirements

	Rated Output Voltage	Rated Output Current	Over-Current Protection	Over-Voltage Protection	Ripple Noise	Efficiency
ADP56WA16.0	16 V	3.5 A	0~3.5 A	15.5~17 V	250mVpp	84%
ADP56WB16.0	16 V	3.5 A	0~3.5 A	15.5~17 V	250mVpp	84%

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SPECIFICATIONS

INPUT		VIBRATION	
Input Voltage	Universal, 90 to 265 V	Frequency	5~100Hz
Input Frequency	47 to 63Hz	Amplitude	25mm MAX
Input Current	1.4A or less	Acceleration	0.5G
Inrush Current	100A or less at cold start	Sweep Time	1 min
AC Turn-on Time	3 sec. or less at 90 V	Direction	X, Y, Z
		Vibration Time	10 min
OUTPUT		SHOCK	
Output Power	56W	Storage	Passes lifting the unit and dropping it from 1.5 meter high to an oak board
Over-Current Protection	Yes, Constant current		
Over-Voltage Protection	Yes, 22V or less	Operation	Shock acceleration: 2.0G
Leakage Current	250 μ A max (240V,50Hz)		Sine wave: 10ms
Thermal Protection	Yes, Shut down		Direction of force: X,Y,Z
Reset Time after Shutdown	20 sec. or less at 264V		Apply 10 Times in 1 sec. interval
Output Rise-up Time	90 msec. or less	EMI Regulations	VCCI Class-II
			FCC Class-B (115 V)
			CISPR22 Class-B (230 V)
		Safety Standards	Dentori, Kou-Syu
			UL No.1950 2 nd Edition, UL1310
			CSA C22.2 No. 950
			IEC-No. 950
		Hi-Pot Test	P-S 3 kv 1sec. (10 mA or less)
		Insulation Resistance	P-S DC 500 V. 50 M Ω or more