

- ★ High efficiency power
- ★ Meets "ENERGY STAR" Program Requirements
- ★ Over voltage protection
- ★ Over load & short circuit protection
- ★ 100% full load burn-in test



Specification:

INPUT	Voltage	90-264VAC universal full range							
	Frequency	47-63Hz							
	Current	<1.2A@100V AC input, full load condition							
	Inrush Current	<40A@115V , <60A@230V AC input.Cold start at 25℃ ambient							
	Leakage Current	<1.2A@ 264V AC input							
OUTPUT	PART NO.	AD18WA05	AD18WA07	AD18WA09	AD18WA12	AD18WA15	AD18WA18	AD18WA24	AD18WA48
	Voltage	5V	7V	9V	12V	15V	18V	24V	48V
	Max Load	0-3A	0-2.6A	0-2.0A	0-1.5A	0-1.2A	0-1.0A	0-0.75A	0-0.4A
	Output Tolerance	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%
	Ripple Noise(MAX)	50mV	50mV	70mV	90mV	120mV	150mV	180mV	240mV
	Efficiency(MIN)	≥75%	≥75%	≥75%	≥75%	≥75%	≥75%	≥75%	≥75%
	Output MAX	18W	18W	18W	18W	18W	18W	18W	18W
PROTECTION	Over Voltage	4.8~6.8V	6.8~8.8V	8.8~11.8V	10.8~13.8V	13.8~16.8V	16.8~19.8V	19.8~29.8V	29.8~50.8V
		Shutdown and latch off, recover after re-start up							
	Over Load & Short Circuit	When power supply over 105%~150 max load or short circuit acted,powr supply will be shutdown and recover automatically after the fault is removed							
ENIRONMENT	Over Temperature	Over 95℃,the power supply will shutdown.							
	Temperature	Operating:-20~70℃;De-rating:45~70℃:2.5%/℃;Storage:-40~+85℃							
SAFETY	Humidity	Operating: 20%~90% RH(non condensing);Storage:10%~95% RH(non condensing)							
	Withstand voltage	I/P-O/P:3KVAC,I/P-PE:1.5KVAC,O/P-PE:0.5KVAC,1 minute							
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG>100MΩ/500VDC at 25℃/70% RH							
EMC	Safety standard	UL 60950-1 2 nd ,CSA C22.2 No.60950-1-07 2 nd ,TU EN 60950-1:2006, IEC 60950-1:25005,standard							
	EMI	EN 55022 CLASS B、FCC CFR 47 PART 15 CLASS B、CNS 13438 CLASS B							
	EMS	Compliance to EN61000-3-2 CLASS D,EN61000-3-3							
OTHERS	EMS	EN55024:EN61000-4-2,3,4,5,6,8,11							
	Cooling	Natural Cooling							
	M.T.B.F.	50K hours							
	Dimension	81.5 x 30.5 x 58mm (L*W*H)							
OTHERS	Packing	N.W.:0.6kg/1pc; 15pcs/1.44 CUFT/1 CTN							

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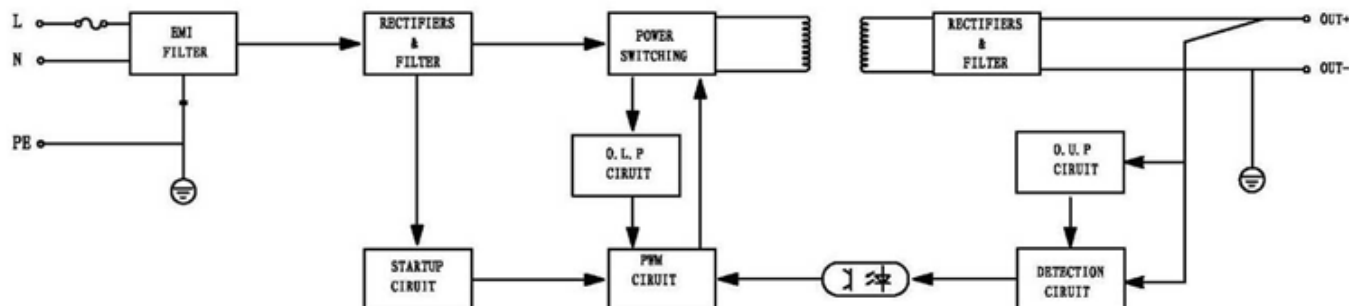
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AD18W-A SERIES

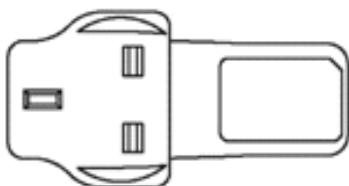
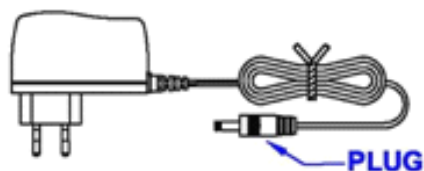
AC/DC Single Output:15~18 Watts

Block Diagram:

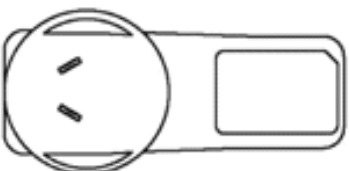


Title: AD18W series case
Part NO.: k-010

Output plug options:



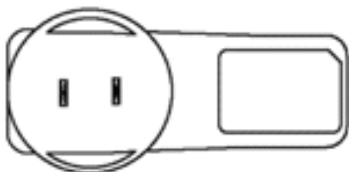
BS (L*W*H=81.5*30.5*58mm)



SAA (L*W*H=81.5*30.5*58mm)



VDE/KS (L*W*H=81.5*30.5*68mm)



UL/CCC/PSE (L*W*H=81.5*30.5*58mm)

2.1*5.5	2.5*5.5	3.0*6.5	0.7*2.5
1.7*4.75	6.0*8	3.0*6.3	1.35*3.4
3.0*5.5	3.0*7	1.7*3.8	1.35*3.8
2PIN PLUG	3PIN WITH GUIDE	3PIN PLUG	2 PIN
3PIN	6PIN PLUG	LARGE 4PIN	USB2.0
USB	MINI 5 PIN USB	CLIP	MINI 30 PIN USB
ONE TO TWO PLUGS	ONE TO SEVEN PLUGS	CIGAR CODE	OTHER

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