

96W 24V/48V Class 2 SMPS (Desktop) Adapter

Features

- UL Listed Class 2 Power Supply
- Universal AC Input 90Vac – 264Vac
- No Load Power Consumption 210mW Max
- 2-pole (No Earth Pin) USA plug
- Class II, double isolated
- Protections: Short circuit/Overload/Over voltage

Application

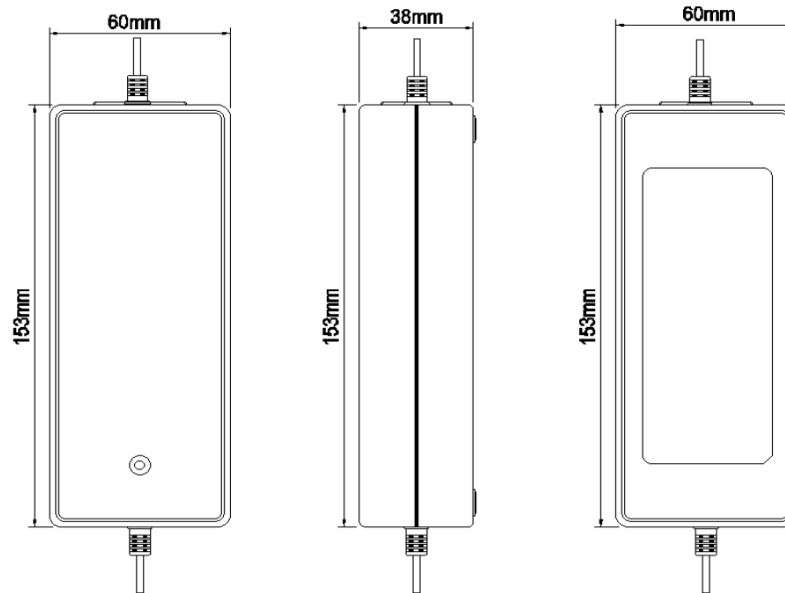
- LED Lighting
- Industrial Equipment
- Office Devices
- Consumer Electronics



Specification			
Part Number		ZF120A-2404000	ZF120A-4802000
OUTPUT	Output Voltage	24V	48V
	Max. Output Current	4A	2A
	Rated Power	96W	
	Max. Output Ripple & Noise	120mV	
	Regulation	±5%	
INPUT	Input Voltage Range	90Vac – 264Vac	
	Rated Input Voltage	100Vac – 240Vac	
	Frequency Range	47 – 63Hz	
	AC Current	≤ 0.6 Arms @ 100-240Vac	
	Max. Inrush Current	Cold Start 50A / 115Vac 80A / 230Vac	
	No Load Power Dissipation	210mW Max	
	AC Leakage Current	0.05mA Max @ 230Vac	
PROTECTION	Overload or Short Circuit	The output is in the hiccup mode until the faulty condition is removed	
ENVIRONMENT	Working Temperature	0°C ~ 40°C	
	Storage Temperature	-40°C ~ 85°C	
	Relative Humidity	0°C ~ 40°C, 5% ~ 95% RH	
	Operation Altitude	0 – 5000 meters	
Safety and EMC	Safety	UL 1310	
	EMI	FCC PART 15 Class B	
	EMS	BS EN61000-3-3, BS EN61000-4-2, BS EN61000-4-3, BS EN61000-4-4, BS EN61000-4-5, BS EN61000-4-6, BS EN61000-4-8, BS EN1000-4-11	

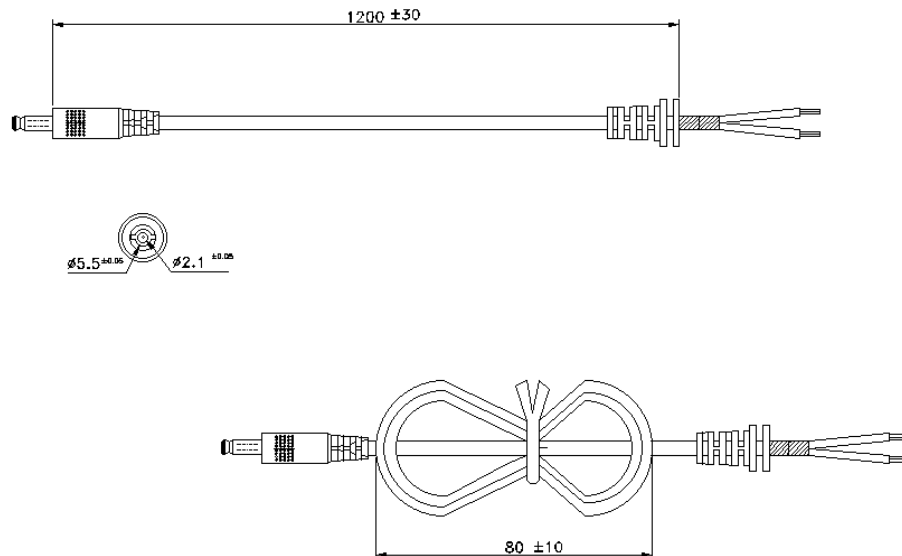
Mechanical Specification (unit: mm)

1. Dimension: 153mm x 60mm x 38mm (L x W x H)

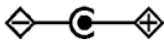


2. DC Output Cord Drawing

- a) 1200mm UL 2464 18 AWG cable
- b) DC Connector 2.5m (ID) x 5.5mm (OD) x 11mm



3. Polarity: Center Positive



Product Family

Part Number	Power	Voltage	Style	Input	Output
ZF120A-1203000	36W	12V	UL Class 2 Wall-mount Adapter	2 Pole USA Plug	2.1mmx5.5mmx11mm DC Plug
ZF120A-2401500	36W	24V			
ZF120A-1205000	60W	12V			
ZF120A-2402500	60W	24V	UL Class 2 Desktop Adapter	2 Pole USA Plug	2.5mmx5.5mmx11mm DC Plug
ZF120A-2404000	96W	24V			
ZF120A-4802000	96W	48V			