

75W Series Power Adapter single output



Features:

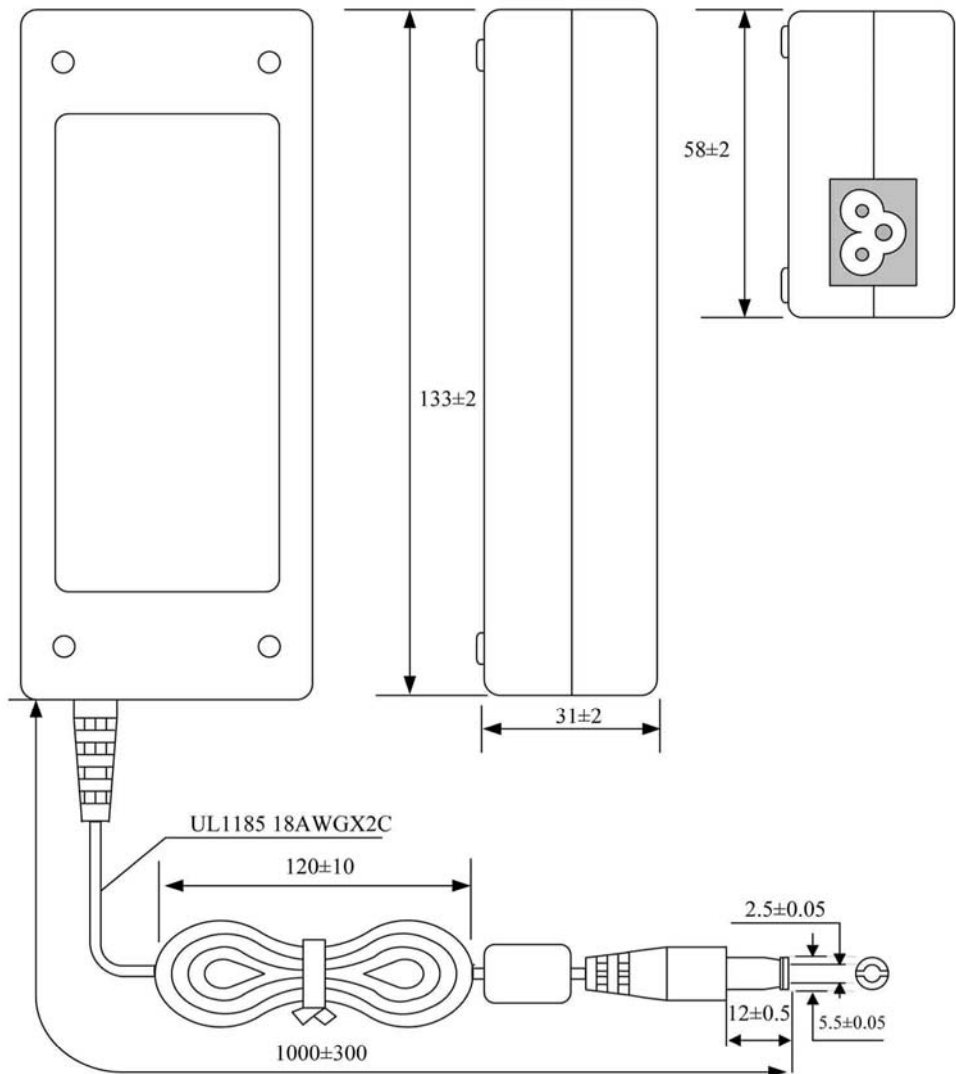
- Plastic case
- Universal AC input / Full Range
- AC inlet IEC320-C6
- Protections: Short circuit/Over voltage/Over current
- LED indicator for power on
- No Load power consumption < 0.5W
- ErP compliant (V efficient 88% Min)
- 2 years Warranty



Mechanical Specification

MECHANICAL DIMENSIONS

UNIT:MM



Specifications:

Input	90~264VAC 47~63Hz, Need suitable ac power cord for different areas	
	AC inlet: IEC320 C6,C8,C14 and AC power cord not separate with adapter body are available	
Output	Plug: Standard is 5.5*2.1/5.5*2.5, Other size we will provide as your required	
	Cable: 1.2M length	
	Output voltage and power, details please see bottom model list	
Packing	Product Dimension	133*58*31mm
	White Box	490g/pc
		Include one AC power cord and a adapter
Safety and EMC	Safety standards	UL60950,CSA C22.2, PSE/J60950, J55022,J3000.
	EMC Emission	CE/EN55022,EN61000, FCC part 15 CB/IEC60950,
	EMC Immunity	CCC/GB4943, C-tick/N17653, V Eup class B
		EK KC/K60950,K00022,K00024 RoHS:EN2002/95-EC TUV GS/EN60950,EN60335,EN61558,EN62233.
Protection	Resistance Heat	when Tested within 10 minutes after product has been placed in a test chamber maintained at 105°C+/-3°C for 16 hours. The product shall comply with the requirements of dielectric withstand test. Shall have insulation resistance not less than stated below as measured at 500VDC 10 MEGOHMS Minimum between the input and the output. Input and case together. 10 Megohms minimum.
	Inrush Current	Peak inrush current shall be limited 15A for a cold start
	Over current	Products include current fuse located within inut circuit
	Short Circuit	Capable of withstanding continuous short circuit and recover automatically
	Ripple and Noise	25~300mVp-p, 20MHz Bandwidth 10uF Ele. Cap.& 0.1uF Cer. Cap
Reliability	Electrostatic Discharge	At 150pF : 330Ω, for each point, 10 shots of direct discharge or air discharge. (1MΩ/SHOT), have no malfunction. Direct discharge: ± 6kV, Air discharge: ±10kV
	Hi-Pot Test	5mA 3000VAC For 2 second between input and output,input and case. At an alternative potentials 5% higher may be applied for 1 second
	Leakage Current	0.25mA maximum, at nominal AC input voltage and frequency
	Temperature Rise	At 25°C with the rated input 100-240Vac charged to the primary a
	MTBF	Life 30000 hours in full rated load and operation at 25 °C
	Insulation Resistance	At 25°C after DC 500V 1min between input plug- DC plug , insulation resistance 100MΩ min)
Environment	Working Temp.	~29 °C + 45°C
	Working Humidity	20%-90% RH non-condensing
	Storage Temp.Humidi	~40 to +75°C 10~95 RH

Note: All model in this list can meet above specifications and datasheet

MODEL	INPUT	OUTPUT			Efficiency
	VAC	W	V	mA	Min at a rate output
FY0305000	100~240	15.0	3	5000	88%
FY0306000	100~240	18.0	3	6000	88%
FY0307000	100~240	21.0	3	7000	88%
FY0307500	100~240	22.5	3	7500	88%
FY0425000	100~240	21.0	4.2	5000	88%
FY0426000	100~240	25.2	4.2	6000	88%
FY0427000	100~240	29.4	4.2	7000	88%
FY0427500	100~240	31.5	4.2	7500	88%
FY0505000	100~240	25.0	5	5000	88%
FY0506000	100~240	30.0	5	6000	88%
FY0507000	100~240	35.0	5	7000	88%
FY0507500	100~240	37.5	5	7500	88%
FY0605000	100~240	30.0	6	5000	88%
FY0606000	100~240	36.0	6	6000	88%
FY0607000	100~240	42.0	6	7000	88%
FY0755000	100~240	37.5	7.5	5000	88%
FY0756000	100~240	45.0	7.5	6000	88%
FY0757000	100~240	52.5	7.5	7000	88%
FY0855000	100~240	42.5	8.5	5000	88%
FY0856000	100~240	51.0	8.5	6000	88%
FY0857000	100~240	59.5	8.5	7000	88%
FY0905000	100~240	45.0	9	5000	88%
FY0906000	100~240	54.0	9	6000	88%
FY0907000	100~240	63.0	9	7000	88%
FY1005000	100~240	50.0	10	5000	88%
FY1006000	100~240	60.0	10	6000	88%
FY1007000	100~240	70.0	10	7000	88%
FY1205000	100~240	60.0	12	5000	88%
FY1206000	100~240	72.0	12	6000	88%
FY1265000	100~240	63.0	12.6	5000	88%
FY1355000	100~240	67.5	13.5	5000	88%
FY1505000	100~240	75.0	15	5000	88%
FY1604000	100~240	64.0	16	4000	88%
FY1704000	100~240	68.0	17	4000	88%
FY1804000	100~240	72.0	18	4000	88%
FY2103000	100~240	63.0	21	3000	88%
FY2403000	100~240	72.0	24	3000	88%
FY2552500	100~240	63.8	25.5	2500	88%

FY2902500	100~240	72.5	29	2500	88%
FY3002500	100~240	75.0	30	2500	88%
FY3402000	100~240	68.0	34	2000	88%
FY3602000	100~240	72.0	36	2000	88%
FY4251500	100~240	63.8	42.5	1500	88%
FY4301500	100~240	64.5	43	1500	88%
FY4401500	100~240	66.0	44	1500	88%
FY4501500	100~240	67.5	45	1500	88%
FY4601500	100~240	69.0	46	1500	88%
FY4801500	100~240	72.0	48	1500	88%

Remark:

If you have anything unclear with this specifications, Please feel free to write to

fypoweradapter@hotmail.com.

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