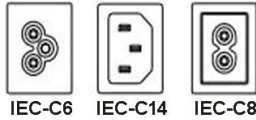


48W AC/DC Power supply (adaptor) 48W DeskTop series



★ Features:

- ⊕ Universal AC input / Full range
- ⊕ No load power consumption <0.3W
- ⊕ Single output
- ⊕ Suitable for continue load
- ⊕ Short circuit Protection
- ⊕ Over voltage Protection
- ⊕ Over current Protection
- ⊕ Custom designs available
- ⊕ Approvals: UL / CUL / TUV / CB / FCC / GS / PSE / KC / CE
- ⊕ 3 years warranty

SAFETY AGENCY APPROVALS:



SPECIFICATION

Specifications	48W DeskTop series
Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	2.8A Max.
Leakage current	Class1:3.5mA/Class2:0.25mA Max.@240VAC/50Hz
Output voltage	See rating chart
Output current	See rating chart
Output power range	See rating chart
Ripple	1% peak to peak maximum
Over voltage protection	Yes. Protected by Zener diode. Rated output voltage 110~140%
Over current protection	Yes. Hiccup mode; Auto-recovery. Rated output current>110%
Operating temperature	0°C~+40°C
Storage temperature	-40°C~+85°C
Relative humidity	5% to 95% non-condensing

FUYUAN ELECTRONIC (HK) CO LIMITED

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Add: UNYI 04, 7/F, BRIGHT WAY TOWER, NO. 33 MONG KOK ROAD, KOWLOON, HONG KONG.

48W AC/DC Power supply (adaptor) 48W DeskTop series

Derating	Derated from 100% at + 40°C linearly to 70% at 50°C
Setup up / Hold up / Rise time	Typical:3000ms/ 16ms/50ms at full load
Line regulation	±1% maximum for any input voltage change between input voltage range
Load regulation	Typical±5% variations from minimum to maximum output current
Insulation resistance	50Mohm minimum from input to output
Inrush current	35AMPS @ 230VAC at 25°C cold start
Withstand voltage	4242VDC from input to output
Mean time between failure	100,000 hours minimum at full load at 25°C ambient
Safety requirements	UL/Cul; PSE; KC; GS; SAA; C-Tick; FCC; CE; CCC
Warranty	3 Years

Output Specifications:

MODEL	Voltage (V)	Current (A)	Max Watts (W)	Ripple (Vp-p max)
FY050XXX	5.00V	4.00A	20.00W	200mV
FY075XXX	7.50V	4.00A	30.00W	200mV
FY090XXX	9.00V	4.00A	36.00W	200mV
FY120XXX	12.0V	4.00A	48.00W	200mV
FY150XXX	15.0V	3.20A	48.00W	200mV
FY180XXX	18.0V	3.00A	48.00W	200mV
FY210XXX	21.0V	2.28A	47.88W	200mV
FY240XXX	24.0V	2.00A	48.00W	200mV
FY360XXX	36.0V	1.33A	47.88W	200mV
FY480XXX	48.0V	1.00A	48.00W	200mV

XXX-represent rated output power

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