

24 VDC Power Supply

CP2402000-V-VI



Features

- DC24V 2A 48W output
- UL94 V-0 fire retardant housing
- Regular 5.5*2.1mm DC connector
- Pure copper core DC cable 1.2m
- Regular protection OVP, SCP, OCP
- UL/CB/CE/FCC/Efficiency level VI approved

Specifications

Model		CP2402000-V-VI
Input	Voltage Range	90 ~ 264 VAC
	Frequency Range	47 ~ 63 Hz
	Efficiency	≥87.77%@Rated voltage
	AC Current	1.2A
	Inrush Current	Cold start : ≤30A@115Vac ; ≤50A@230Vac
	Leakage Current	IP~OP Leakage current : ≤0.25mA, Touch current <0.1mA@264Vac
Output	Rated Voltage	DC 24V

	Rated Current	2A
	Current Range	0 ~ 2A
	Rated Power	48W
	Ripple & Noise	≤100mVpk
	Voltage Tolerance	±3%
	Line Regulation	≤0.1%
	Load Regulation	≤3%
	Setup,Rise,Hold Up Time	230Vac Full load : ≤1S,≤1S,≥80mS
Protection	Over load	120% ~ 150%@Rated power. Hiccup mode, recovers automatically after fault condition is removed.
	Over Voltage	120% ~ 130%@Rated voltage. Hiccup mode, recovers automatically after fault condition is removed.
	Over Current	120% ~ 150%@Rated current. Hiccup mode, recovers automatically after fault condition is removed.
	Short Circuit	No damage,Hiccup mode, recovers automatically after fault condition is removed.
Environment	Working Temp.,Humidity	Temp. : -10°C ~ +40°C ; Humidity : 10% ~ 95% RH, Non-condensing
	Storage Temp.,Humidity	Temp. : -20°C ~ +85°C ; Humidity : 10% ~ 95% RH, Non-condensing
	Temp.Coefficient	≤0.03V/°C (0°C ~ +45°C)
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X,Y,Z axes
Safety & EMC	Safety Standards	UL/CB/CE : EN/IEC 62368-1 ; EN/IEC 60950-1
	Withstand Voltage	IP~OP: ≥3KVac
	Isolation Resistance	IP~OP: ≥100MΩ@500Vdc,25°C,70% RH
	EMC	FCC/Part 15; EN55032、 EN55035 ; EN/IEC61000
Others	DC Plug	5.5*2.1*10mm(customizable)
	DC Cable Length	1.2m
	Product Size	93*70*46mm
Certificate	UL,CB,CE,FCC,CEC,ERP	