

EA-PS 2000 70W - 280W / EA-PS 1501 T

固定電壓電源 / FIXED VOLTAGE POWER SUPPLIES



EA-PS 1501 T

EA-PS 2012-10

- 三極管線性調整
- 輸出功率: 70W至280W
- 輸出電壓: 12...24V可調
- 輸出電流: 5A至20A
- 輸出電壓可調
- 折返電流限制
- 過載和短路保護
- 過壓保護 (OVP)
- 過溫保護 (OT)
- 溫控風扇冷卻
- LED燈顯示操作模式
- 符合CE標準下的EMC和低壓指令

概要

EA-PS2000這一系列為電子穩壓電源，可應用於很多領域。它無通風槽，也無外部散熱器。為安全起見，所有插座都為凹形。由於對安全和保護產品的關注，使其成為學校和大學，以及測試和研發實驗室的最佳產品。輸出電壓從前板安全插座送出。用螺絲刀從前板可在12...14V範圍內調節電壓。操作通過LED指示出來。

本系列分四個功率級別，從70W至280W。還具有根據折返特性動作的限流功能。

EA-PS1501 T為臺式穩壓電源，用可調電位器在0...100%範圍內調節電壓和電流。適合給各種電子設備和電路供電，或當電池充電器用。帶EU插頭的電源綫為電源輸入連接綫。

- Transistor linear regulation
- Output powers: 70W up to 280W
- Output voltage: 12...14V adjustable
- Output currents: 5A up to 20A
- Output voltage adjustable
- Foldback current limiting
- Overload- and short-circuit-proof
- Overvoltage protection (OVP)
- Overtemperature protection (OT)
- Temperature controlled fans for cooling
- Operation mode indication via LED
- CE marked compliance to EMC, Low voltage directives

General

The electronically stabilized power supplies of the series EA-PS2000 can be used in many applications. There are no ventilation slots, also no external heatsinks. For improved safety all sockets are recessed. This attention to the safety and unit protection makes it ideal for schools and universities as well as test and development laboratories. The output voltage is available through safety sockets on the front panel. The output voltage can be adjusted on the front panel by means of a screw driver within the range of 12...14V. The operation is indicated by a LED.

This series are delivered in four output power classes from 70W to 280Watt. The models have a current limitation that behaves according to a foldback characteristic.

The **EA-PS 1501 T** is a stabilised bench power supply unit, which can be adjusted for voltage and current by potentiometers in the range 0...100%. It is suitable to feed various electronic equipment and circuits or can be used as battery charger. A mains cord with EUuro plug is installed and serves as mains input.

技術參數	Technical Data	EA-PS 2012-10	EA-PS 2012-15	EA-PS 2012-20	EA-PS 1501 T
輸入電壓	Input voltage	230V AC +10%, -5%	230V AC +10%, -5%	230V AC +10%, -5%	100...253V AC
-頻率	-Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
輸出電壓	Output voltage	12V nom. / 12...14V	12V nom. / 12...14V	12V nom. / 12...14V	2,4...15V
-帶載10-90% 時的穩定度	-Stability at 10-90% load	<30mV	<40mV	<60mV	--
-紋波	-Ripple	<5mV _{eff.}	<5mV _{eff.}	<5mV _{eff.}	<30mV
輸出電流	Output current	10A	15A	20A	0,2...1A
-限流值	-Current limitation	12A 折返	17A, 折返	22A, 折返	1A
輸出功率	Output power	140W	210W	280W	15W
工作溫度	Operating temperature	0...50°C	0...50°C	0...50°C	0...50°C
尺寸 (WxHxD)	Dimensions (WxHxD)	210x120x254mm	210x120x254mm	210x130x320mm	77x66x112mm
重量	Weight	6,5kg	7,5kg	9,5kg	0,9kg
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