



PSD241

Power Supply 24V DC / 1.67 A

► Features

- 24 V DC Output
- 40 Watt (1.67 A) Output
- Wide range voltage input
- IEC C-14 Input connector
- 1.5 Meter output connection cable
- High Efficiency (> 87 %)
- Energy Star type V certified

► Applications

- Audio Interface boxes
- Small Audio Amplifiers
- Any device requiring 24 V DC power supply
- ...



The PSD241 is a 24 V DC Switching power supply with a very wide application range. It can be used for powering all kinds of devices such as interface boxes for audio systems, small power amplifiers and all kinds of other expansion units.

It features a wide range input (100 ~ 240 V AC / 47 ~ 63 Hz), making it applicable to almost any mains network all over the world.

The AC input is performed using an IEC C-14 type connector, while a fixed connection cable with a length of 1.5 meter and tinned open wires is provided on the low voltage side. Any required output connector can be assembled, making it suitable for every application.

Thanks to the very high efficiency (> 85 %) and low idle power consumption, the PSD242 meets the Energy Star V standards.

The low ripple and noise in combination with the switching frequency which is well beyond the audible frequencies range ensures that no audible distortion or noise will occur when using in combination with audio devices.

► Specifications

SYSTEM SPECIFICATIONS	
DC Output Voltage	+ 24V DC \pm 5 %
DC Output Current	1.67 A
Regulation	22.80Vmin ~ 24.00Vtyp ~ 25.20Vmax
Ripple & Noise	240 mV Max
Max. Power	40.08 Watt Max
AC Input Voltage	100 ~ 240 V AC
AC Input Frequency	47 ~ 63 Hz
Efficiency	> 85 % Min
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	100 x 50 x 33 mm
Weight net	190 g
Construction	ABS
Connection cable length	1.5 m
Connections	Input: IEC C-14 connector Output: Tinned cable ends (Red '+' / Black '-')
Colour	Black
Material Flammability	UL 94V-0
Safety	UL / cUL / CB / GS / PSE / BSMI / RCM
Protection	Over Voltage Protection, Short Circuit Protection, Over Current Protection
Energy certification	Energy Star V / Erp (Stage 2) / MEPS V
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	230 g - 0.00022 Cbm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products