

# Plixus AE-R PS

## Plixus Audio Engine Recording Power Supply



### Description

The Plixus AE-R PS is a separate power supply for use with the Plixus AE-R.

### Features

- » Lockable connector

### Certification

Region	Certification
Europe	CE
US	FCC
China	CCC
Global	CB, TUV, UL

### Specifications

Mechanical	
Material	ABS
Color	Black
Input AC Socket Type	IEC 320-C14 Type
Size (mm)	204 (l) x 88 (w) x 42 (h)
Size packed (mm)	317 (l) x 147 (w) x 50 (h)
Weight	1280g
Weight packed	1350g
Electrical: Input	
Rated Input Voltage	100Vac-240Vac
Input Voltage Range	90Vac to 264Vac
Input Frequency Range	47Hz to 63Hz ( ±1Hz )
Input Current at: 100Vac, 240Vac / 5.62A load	≤ 3.5A
Input Current Harmonic	IEC61000-3-2 Class D
Efficiency (Warm up 10min- utes later) at:	

100Vac / 5.62A load	≥ 87%
240Vac / 5.62A load	≥ 89%
Standby Consumption	≤ 0.15W
<b>Electrical: Output</b>	
Supply Voltage	48V/5.62A
Max Consumption	270 W
Typical Supply Power	220 W
<b>Protection Characteristics</b>	
Short Circuit Protection	YES
Over Voltage Protection	YES
Over Power Protection	YES
Over Temperature Protection	YES
<b>Environmental Characteristics</b>	
Electric Fast Transients: Refer to IEC61000-4-4	Normal operation shall be continued
Lightning Surge: Refer to IEC61000-4-5	Normal operation shall be continued
Electron Static Discharge: (Refer to IEC61000-4-2 Energy Storage Capacitor 150pF; Discharge Resistor 330)	Normal operation shall be continued
Cooling	Natural air cooling
EMI: Adapter comply with the following national standards: - EMI Conducted Emission - EMI Radiated Emission	FCC PART 15J CLASS B  CISPR22 EN55022 CLASS B  VCCI LEVEL II
Safety conforming	Regulated by customer
Energy-related Products [ErP]	Comply with ErP standard
Department of Energy [DOE]	Comply with DOE standard
Leakage Current at 264Vac / 50Hz	≤ 3.5mA
Operating Temperature	0 to 40°C (safety) 40 to 70°C Linearly de-rate to 50% load at 70°C
Storage Temperature	20 to +80°C
Humidity Operating	20% ~ 80%
Humidity Storage	10% ~ 90%