

# 12 and 24 Volts Power Adapters for Spectrometer and Light Sources

Most AvaSpec spectrometers are USB powered, but some users prefer to externally power their instrument. Avantes PS-12V and PS-24V can be used to connect your AvaSpec spectrometer and AvaLight light sources to any 100-240V power connection.

The PS-12V has a maximum output of 1.0A and is used with all AvaSpec spectrometers and most light sources and accessories. The PS-24V is to be used with the AvaLight-HAL halogen light source and the FOS-inline

fiber-optic switch.

All power supplies are equipped with automatic thermal and overload cut-off circuitry. Please specify on the order which plug should be delivered based upon your geography: Euro, UK, USA or Australian plugs are available.

**PS-12V Power adapter**



## Technical Data

	PS-12V/1.0A	PS-24V/1.25A
Power Input	100-240 VAC ± 10%/ 47-63 Hz	
Power consumption	400 mA	700 mA
Power Output	12 VDC ± 5%, depending on load	24 VDC ± 5%, depending on load
Output current (max.)	1.0 A	1.25 A
DC -Connector	5.5 mm OD, 2.1 mm ID, 11.5 mm long	3.5 mm OD, 1.3 mm ID, 10 mm long
Dimensions	92 mm x 40 mm x 28 mm	105 mm x 68 mm x 39 mm
Operating Temperature	0 - 45°C	
Cable length	2.0 m	

## Ordering Information

<b>PS-12V/1.0A</b>	• Power supply 100-240VAC/12VDC, 1.0A
<b>PS-24V/1.25A</b>	• Power supply 100-240VAC/24VDC, 1.25A for FOS
<b>PS-12V/1.1mm</b>	• Power supply 100-240VAC/12VDC, 1.0A for AvaSpec-Mini
<b>PS-12V/2.08A</b>	• Power supply 100-240VAC/12VDC, for AvaLight-HAL-Mini

## Euro plug standard, special power plug specify

<b>-UK</b>	• UK plug
<b>-US</b>	• USA plug

Did you know  
Avantes is specialized  
in custom made  
fiber-optic cables?