

## Preamplifier Power Supply & Signal Separator

PPS is used for giving power supply to preamplifier. When you choose an AE acquisition board made by another manufacturer, it is necessary to connect PPS and power adapter to supply power to preamplifier, to ensure normal usage of the preamplifier.

There are two types of PPS available, PPS50 and PPS2000 respectively. The difference is the output impedance. Choose the PPS type depending on the signal output terminal instrument. If input impedance of the instrument is low, choose PPS50. If the input impedance is very high, choose PPS2000.



### Main Parameters:

	PPS50	PPS2000
<b>Output impedance</b>	50Ω	2000Ω
<b>Input impedance</b>	50Ω	
<b>Power voltage</b>	DC power, can be 5V, or maximum 30V	
<b>Signal transmission</b>	Phantom power	
<b>Connector</b>	BNC-Q9	
<b>Main material</b>	Cast aluminum	
<b>Geometric Size</b>	116mm×36mm×30mm	
<b>Adapter</b>	Input AC 100-240V, output DC can be 5V or up to 30V	

### Connection diagram:

