

## Instrument Power Supplies



The PSW-2-F is designed differently from a general purpose power supply. Emphasis is placed on withstanding and rejecting EMI events. The PSW-2-F is an isolated switch mode power supply with an output voltage of 24Vdc and up to 200mA continuously.

Due to advancements in Switch Mode Power Supply technology, special techniques have been developed that make the PSW-2-F both very low noise (typically less than 4mV) and high precision. Both line and load regulation is better than 0.1% over all conditions. These attributes make the PSW-2-F better than most comparable linear power supplies.

- ◆ Fixed Power Supply 24Vdc.
- ◆ Output Current of 200mA.
- ◆ Powers up to 10x 4~20mA 2-wire loops.
- ◆ Better than most comparable linear supplies.
- ◆ Overload protection.
- ◆ Low noise.
- ◆ High accuracy 2%.
- ◆ Precision regulation.
- ◆ Isolated output floats close to earth potential.
- ◆ Short circuit tolerant.
- ◆ Compact DIN rail mount enclosure.
- ◆ Low cost.

MODEL	DESCRIPTION	PRICE
PSW-2-F	Output: 24Vdc, 200mA. Input Power Supply: 85~265Vac/dc.	\$98.00

[www.intech.co.nz/psw-2-f](http://www.intech.co.nz/psw-2-f)

The PSW-2 is an isolated switch mode power supply that can supply a wide range of DC output voltages, from 5V to 30V, up to 200mA continuously, and operates over a wide range of input voltages. Due to recent advancements in Switch Mode Power Supply technology, special techniques have been developed that make the PSW-2 both very low noise (typically less than 1mV) and high precision. Both line and load regulation is better than 0.1% over all conditions (within specified ranges). These attributes make the PSW-2 better than most comparable linear power supplies, while adding features such as DC input and voltage step-up capability, eg: 12Vdc input can be stepped up to 24Vdc output (PSW-2-L version).



PSW-2

- ◆ Output Adjustable from 5V to 30V.
- ◆ Output Current of 200mA.
- ◆ Low Noise.
- ◆ Precision Regulation.
- ◆ Isolated Output Floats Close to Earth Potential.
- ◆ Short Circuit Tolerant.
- ◆ High Accuracy 0.1%.
- ◆ Universal ac/dc Power Supply.
- ◆ Compact DIN Rail Mount Enclosure.
- ◆ Available Standard or Special Calibration.

MODEL	DESCRIPTION	PRICE
PSW-2	<b>Output Voltages:</b> 5, 8, 9, 10, 12, 15, 24, 30, Special. <b>Input Power Supplies:</b> High (100~264Vac), Medium (23~90Vdc).	\$132.00
PSW-2-L	12~28Vac / 10~30Vdc input.	\$150.00

[www.intech.co.nz/psw-2](http://www.intech.co.nz/psw-2)

The PSW-10 is an isolated switch mode power supply that can supply a wide range of DC output voltages, from 5V to 30V, up to 1A continuously, and operates over a range of input voltages. Due to recent advancements in Switch Mode Power Supply technology, special techniques have been developed that make the PSW-10 both very low noise (typically less than 1mV) and high precision. Both line and load regulation is better than 0.1% over all conditions (within specified ranges). These attributes make the PSW-10 better than most comparable linear power supplies.



PSW-10

- ◆ Output Adjustable from 5V to 30V.
- ◆ Output Current of 1A.
- ◆ Low Noise.
- ◆ Precision Regulation.
- ◆ Isolated Output Floats Close to Earth Potential.
- ◆ Short Circuit Tolerant.
- ◆ High Accuracy 0.1%.
- ◆ Universal ac/dc Power Supply.
- ◆ Compact DIN Rail Mount Enclosure.
- ◆ Available Standard or Special Calibration.

MODEL	DESCRIPTION	PRICE
PSW-10	<b>Output Voltages:</b> 5, 8, 9, 10, 12, 15, 24, 30, Special. <b>Input Power Supply:</b> 100~264Vac.	\$188.00

[www.intech.co.nz/psw-10](http://www.intech.co.nz/psw-10)