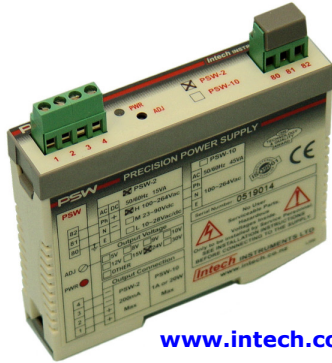


# PSW Instrument Power Supply Series

## PSW-2 Power Supply

**PSW-2  
200mA**

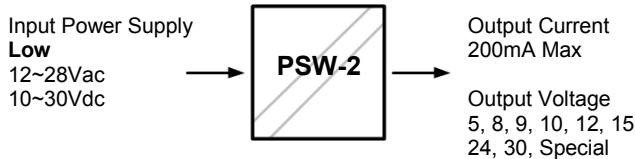
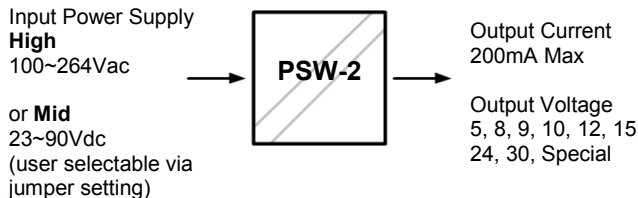


[www.intech.co.nz/psw-2](http://www.intech.co.nz/psw-2)

### Features:

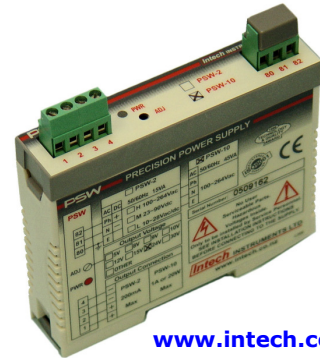
- Better than most comparable linear supplies
- Output adjustable from 5V to 30V
- Output current of 200mA
- Low noise
- Precision regulation
- Isolated output floats close to earth potential
- Short circuit tolerant
- High accuracy 0.1%
- Universal AC/DC power supply
- Compact DIN rail mount enclosure
- Available standard or special calibration
- Low cost

### Diagrams for PSW Power Supplies



## PSW-10 Power Supply

**PSW-10  
1A**

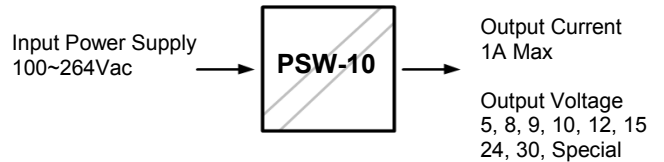


[www.intech.co.nz/psw-10](http://www.intech.co.nz/psw-10)

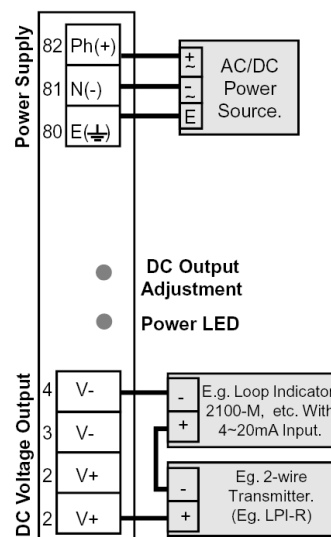
### Features:

- Better than most comparable linear supplies
- 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
- Low cost

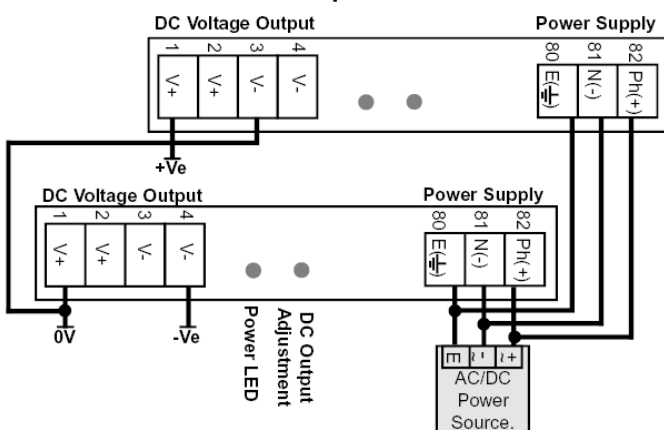
### Diagrams for PSW Power Supplies



### Wiring and Installation. Single Unit.



### Dual Units - Split Rail.



# PSW Instrument Power Supply Series

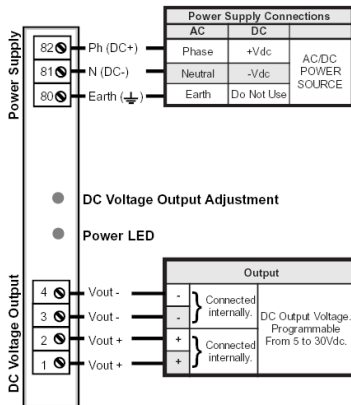
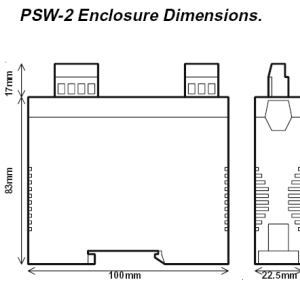
## PSW-2 Power Supply

### PSW-2 Specifications.

Input Voltage Supply	-PSW-2-H	100~264Vac.
	-PSW-2-M	23~90Vdc.
	-PSW-2-L	12~28Vac / 10~30Vdc.
Output Voltage		5~30Vdc.
Output Current	-PSW-2	200mA Max, unless specified otherwise. (See Below)
	-PSW-2-H	5 ~ 15Vdc Output: 300mA Max.
	-PSW-2-M	5 ~ 9Vdc Output: 300mA Max.
	-PSW-2-L	5 ~ 9Vdc Output: 300mA Max.
Output Ripple	-PSW-2-H	8mVrms / 25mVpp Max.
	-PSW-2-M	0.3Vrms / 10mVpp Max.
	-PSW-2-L, AC	50mVrms / 120mVpp Max.
	-PSW-2-L, DC	0.6mVrms / 20mVpp Max.
Load Regulation		<0.1%.
Line Regulation		<0.1%.
Short Circuit Tolerance	-PSW-2-H	Indefinite.
	-PSW-2-M	Indefinite.
	-PSW-2-L	1 minute.
Max Output Floats Above Earth		2.5Vrms.
EMC Emissions Compliance		EN 55022-A
EMC Immunity Compliance		EN 50082-1
Safety Compliance.		EN 60950
Mains Isolation		250Vac.
Isolation Test Voltage	-Mains to Output	3000Vac, 50Hz for 1 min.
	-Mains to Earth	1500Vac, 50Hz for 1 min.
Ambient Drift		<±0.01%/C FSO Typical.
R.F. Immunity		<1% Effect FSO Typical.
Operating Temperature		0~60C.
Storage Temperature		-20~80C.
Operating Humidity		5~85%RH Max. Non-Condensing.
Mounting		35mm Symmetrical Mounting Rail.
Dimensions		L=100, W=22.5, H=100mm.
Weight		135g, Includes Packaging.

### Top Overview of PSW-2 Terminals.

### PSW-2 Enclosure Dimensions.



### Ordering Information.

**PSW-2-X** Standard Unit: High Voltage Power Supply: 100~264Vac.  
Output Voltage : 24Vdc.

PSW-2--  
V PS

OUTPUT RANGES	
Output Voltages	V
5	5
8	8
9	9
10	10
12	12
15	15
24	24
30	30
Special Output Voltages	
Z	

INPUT POWER SUPPLY	PS
High Voltage Power Supply: 100~264Vac	H
Mid Voltage Power Supply: 23~90Vdc	M
Low Voltage Power Supply: 12~28Vac / 10~30Vdc	L

**Product Liability.** This information describes our products. It does not constitute guaranteed properties and is not intended to affirm the suitability of a product for a particular application. Due to ongoing research and development, designs, specifications, and documentation are subject to change without notification. Regrettably, omissions and exceptions cannot be completely ruled out. No liability will be accepted for errors, omissions or amendments to this specification. Technical data are always specified by their average values and are based on Standard Calibration Units, unless otherwise specified. Each product is subject to the 'Conditions of Sale'.

**Warning:** These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

### Quality Assurance Programme.

The modern technology and strict procedures of the ISO9001 Quality Assurance Programme applied during design, development, production and final inspection grant long term reliability of the instrument. This instrument has been designed and built to comply with EMC and Safety Standards requirements.

Phone: **1-800-49-VESPO** or **1-239-348-8086**  
Fax: **1-800-36-VESPO** or **1-239-348-9910**



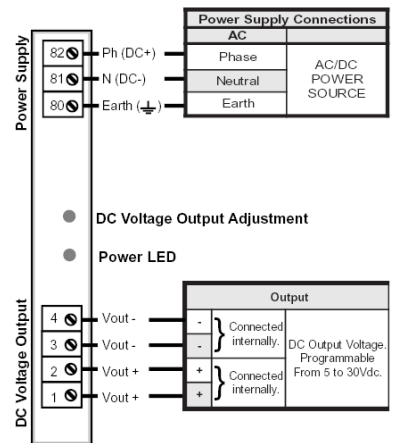
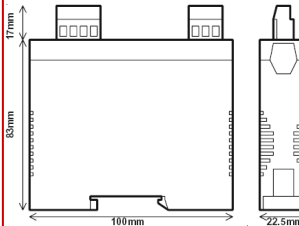
## PSW-10 Power Supply

### PSW-10 Specifications.

Input Voltage Supply	-PSW-10	100~264Vac.
Output Voltage		5~30Vdc.
Output Current	-230Vac Supply	1A Max.
	-<150Vac Supply	20W / 1A Max. Note. For input supplies LESS THAN 150Vac, the maximum output power is 20W. Eg at 150Vac Supply, 24Vdc Out, Current = 800mA.
Output Ripple	-PSW-10	2mVrms / 20mVpp Max.
Load Regulation		<0.1%.
Line Regulation		<0.1%.
Short Circuit Tolerance		Indefinite.
Max Output Floats Above Earth		2.0Vrms.
EMC Emissions Compliance		EN 55022-A
EMC Immunity Compliance		EN 50082-1
Safety Compliance.		EN 60950
Mains Isolation		250Vac.
Isolation Test Voltage	-Mains to Output	3000Vac, 50Hz for 1 min.
	-Mains to Earth	1500Vac, 50Hz for 1 min.
Ambient Drift		<±0.01%/C FSO Typical.
R.F. Immunity		<1% Effect FSO Typical.
Operating Temperature		0~60C.
Storage Temperature		-20~80C.
Operating Humidity		5~85%RH Max. Non-Condensing.
Mounting		35mm Symmetrical Mounting Rail.
Dimensions		L=100, W=22.5, H=100mm.
Weight		170g, Includes Packaging.

### Top Overview of PSW-10 Terminals.

### PSW-10 Enclosure Dimensions.



### Ordering Information.

**PSW-10-X** Standard Unit: High Voltage Power Supply: 100~264Vac.  
Output Voltage : 24Vdc.

PSW-10-  
V

OUTPUT RANGES	
Output Voltages	V
5	5
8	8
9	9
10	10
12	12
15	15
24	24
30	30
Special Output Voltages	
Z	