

Industrial

Test Equipment, Semiconductor Fabrication

INPUT	85 – 264 Vac, 50/60 Hz, PFC
OUTPUT	Six factory-configurable DC outputs
TOTAL POWER	1,500 Watts @ 230 Vac
WEIGHT	14 lbs.
DIMENSIONS	16.84" x 12.6" x 1.75"
OPERATING TEMP.	-20°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• EN6100-3-2• EN60950• CE Mark LVD
OTHER	SEMI F47 compliant when operated at 208 Vac



PB1506PFC

This low profile (1U) AC or DC input power supply offers up to six main output voltages with total power of 1.5 kW and two low power auxiliary outputs of 5 or 12 Vdc.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Test Equipment, Semiconductor Fabrication

INPUT (AC)	<ul style="list-style-type: none">• 85 – 264 Vac, 50 / 60 Hz, PFC• 180 – 264 Vac, Three-phase
INPUT (DC)	250 – 425 Vdc
OUTPUT	Six factory-configurable DC outputs
TOTAL POWER	3,600 Watts @ 230 Vac
WEIGHT	15 lbs.
DIMENSIONS	17" x 19" x 1.75"
OPERATING TEMP.	-20°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• EN6100-3-2• EN60950• CE Mark LVD
OTHER	SEMI F47 compliant when operated at 208 Vac



PB3606PFC

This low profile (1U) AC or DC input power supply offers up to six output voltages with total power of 3.6 kW. Each output can be individually enabled / disabled.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Semiconductor Fabrication

INPUT	Three-phase, 208 Vac, PFC
OUTPUT	Twenty-four, individual factory-configurable DC outputs
TOTAL POWER	6,000 Watts
WEIGHT	45 lbs.
DIMENSIONS	24" x 22" x 6.97"
OPERATING TEMP.	0°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• SEMI F47 compliant• EN6100-3-2• EN60950• CE Mark



PB1004PFC_system

Custom chassis populated with six standard PB1004PFC power supplies. Includes customized AC and DC power distribution panel.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Semiconductor Fabrication

INPUT	85 – 264 Vac, PFC
OUTPUT	Four factory-configurable DC outputs
TOTAL POWER	1000 Watts @ 230 Vac
WEIGHT	5.5 lbs.
DIMENSIONS	10.28" x 9.08" x 1.74"
OPERATING TEMP.	-20°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• SEMI F47 compliant when operated at 208 Vac• EN6100-3-2• EN60950• CE Mark



PB1004PFC

This universal AC input power supply has active power factor correction and is compliant to the input harmonics of EN6100-3-2. Available with up to four factory-configurable DC outputs, with a total power of 1 kW.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Process Control Equipment

INPUT	115 / 230 Vac, 50 / 60 Hz
OUTPUT	Three factory-configurable DC outputs
TOTAL POWER	300 Watts
WEIGHT	1.5 lbs.
DIMENSIONS	6.7" x 3.9" x 1.4"
OPERATING TEMP.	-20°C to +70°C
COOLING	System forced air
COMPLIANCE	<ul style="list-style-type: none">• EN60950• cTUVus• CE Mark LVD



EC303AC

EuroRack 8HP three factory-configurable DC output power supply for industrial applications.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Industrial Applications

INPUT	115 / 230 Vac, 50 / 60 Hz
OUTPUT	Five factory-configurable DC outputs
TOTAL POWER	1,000 Watts @ 230 Vac
WEIGHT	6.6 lbs.
DIMENSIONS	10.5" x 7.0" x 1.68"
OPERATING TEMP.	-20°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• cTÜVus• EN60950• CE Mark LVD• EN55022, Class A, Conducted
OTHER	Rack-mount options



PB1005AC



Flexible and compact AC-DC power supply suitable for a variety of industrial applications and 19" rack installation.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Manufacturing Equipment

INPUT	85 – 264 Vac
OUTPUT	375 Vdc
TOTAL POWER	4,000 Watts @ 230 Vac
WEIGHT	5 lbs.
DIMENSIONS	8.5" x 7.0" x 4.75"
OPERATING TEMP.	-25°C to +50°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• cTÜVus• EN60950• CE Mark LVD• EN61000-3-2
OTHER	Output short-circuit protection



PT4001PFC

High-power PFC front end for supplying bulk power in a variety of industrial applications.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Power Substation Supervisory Controls

INPUT (AC)	115 / 230 Vac, 50 / 60 Hz
INPUT (DC)	Factory-configurable, 36 – 400 Vdc
OUTPUT	Two factory-configurable DC outputs
TOTAL POWER	600 Watts
WEIGHT	12 lbs.
DIMENSIONS	17" x 9.57" x 4.87"
OPERATING TEMP.	-20°C to +50°C
COOLING	Natural convection
COMPLIANCE	EN60950
OTHER	Dual input redundancy



RG1202ACDC

Power supply designed for applications requiring very long operational life, reliability and power source redundancy.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Semiconductor Manufacturing Equipment

INPUT	Three-phase, 208 Vac
OUTPUT	12 – 24 Vdc
TOTAL POWER	3,240 Watts
WEIGHT	47 lbs.
DIMENSIONS	14" x 17" x 5.5"
OPERATING TEMP.	0°C to +45°C
COOLING	Internal fans
COMPLIANCE	EN60950
OTHER	Custom AC and DC distribution panel



This multi-output power supply is designed to fit into the base of large semiconductor manufacturing equipment and provides power for multiple tools requiring individual power rails.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

Semiconductor Manufacturing

INPUT	Three-phase, 208 Vac
OUTPUT	Thirty-two individual, factory-configurable DC outputs
TOTAL POWER	7,500 Watts
WEIGHT	60 lbs.
DIMENSIONS	30" x 17" x 8.0"
OPERATING TEMP.	0°C to +50°C
COOLING	Internal fans
COMPLIANCE	EN60950
OTHER	Custom DC and AC distribution panel



Custom power supply designed for semiconductor manufacturing equipment. Incorporates customer-specified input/output connectors and status monitoring functions.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

Industrial

High-Speed Electronic Components Testing

INPUT	208 / 230 Vac, PFC
OUTPUT	Four channels: 1 – 600 Vdc user configurable via control input
TOTAL POWER	1,200 Watts
WEIGHT	12 lbs.
DIMENSIONS	24" x 14" x 2.5"
OPERATING TEMP.	0°C to +35°C
COOLING	System airflow
COMPLIANCE	EN60950



Specialized power supply with a very wide range of output voltages configurable in real time by the host system.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com

cstmN_I011

Industrial

Industrial Control System

INPUT	Factory-configurable, 10 – 200 Vdc
OUTPUT	Five factory-configurable DC outputs
TOTAL POWER	Up to 1,000 Watts
WEIGHT	6.6 lbs.
DIMENSIONS	10.5" x 7.0" x 1.68"
OPERATING TEMP.	-20°C to +70°C
COOLING	Internal fans
COMPLIANCE	<ul style="list-style-type: none">• EN60950• CE Mark LVD
OTHER	Optional rack-mounting shelf, optional output bus bars



PB1005DC

This versatile five factory-configurable DC output power supply can operate at a variety of input voltage ranges. The form-factor is compatible with the PB1005AC family.

VICOR Custom
Northwest Power, Inc.

Northwest Power
Milwaukie, OR
Tel: 503-652-6161
npi-inc.com