

19" Pure Sinewave Inverter

**Clean & save
power from
any Battery !**



Series PSW and UPSW Standard and Highvoltage

The PSW and UPSW Series of 'Pure Sine Wave' Inverters are designed specifically for running in telecom environment and other industrial locations. Standard AC outlet according IEC EN60320 for easy installation. Versions are available to operate from 12V, 24V, 48V, 110V and 220V battery systems.

High power density 19"x1U / PSW-1U Series with 1000, 2000 and 3000W
Extended operating temperature (-30 to +60°C) is standard.

Optional: Ruggedization Package (against shock and vibration).

Features

- Pure sine wave output (THD < 3%) R Load
- By pass function 4-6ms
- Online or Offline UPS function selectable (UPSW only)
- Isolated Alarm Contact
- Output frequency : 50 / 60Hz switch
- Low power "Power Saving Mode " to save energy
- RS-232C interface / remote controls port
- Compact design, low profile
- Temperature and load controlled cooling fan
- Advanced microprocessor design
- Multiple protection circuits
- Inverter Fail Alarm Relais
- Digital display: VAC, VDC, AAC, Watts, Temp, Frequency

Series IVS Single Phase

The IVS Series is a highly compact DC/AC pure sinewave inverter that uses established design techniques to ensure high reliability.

Suitable for a wide range of applications, the IVS Inverter features full electronic protection, high efficiency and low output noise. The built-in fan provides sufficient airflow for operation without de-rating up to 50°C ambient temperature. Extended operating temperature (-40 to +65°C) is available.

The inverter can be loaded with fluorescent lamps load up to the full-specified output power.

Series RCTP 3-Phase

The RCTP Series Inverter provides 3-phase, sinewave power from a DC input. The standard unit delivers 3-phase outputs of 208rms, 380Vrms or 415Vrms continuous at 50, 60, or 400Hz. The centre point (neutral) is floating and can also be grounded. The floating outputs are isolated from each other and can be connected in a 'Y' configuration or left as three individual outputs. Suitable for a wide range of applications, the RCTP Series features full electronic protection, high efficiency and low output noise.

Features

- Input is filtered to EN 55022 Class B
- Very low input ripple current
- Compact size, light weight
- Pure sine wave
- Multiple input and output voltages available
- Full electronic protection
- Field-proven design topology

Benefits

- Ultra-Quiet
- Power sensitive electronics without interference
- Rugged & Reliable
- Ensure years of safe and trouble free operation

Applications

- Telecom Power Plants
- Electric Utilities and Substations
- Base Station Power
- Industrial Controls

Options IVS & RTCP Series

- Input voltage: custom
- Inverter Fail Alarm, Form C contact
- Soft start circuit
- Low temperature (-40° C operation)
- Ruggedization Package (against shock and vibration)
- Conformal coating (dusty, humid, salty conditions)

Models

Model	Input Voltage (VDC)	Output Voltage (VAC)	Output Power (VA)
Series PSW (by pass switch inverter priority)			
PSW1000-1U	12, 24, 48	230 or 110VAC, 50 or 60Hz	1000
PSW2000	12, 24, 48	230 or 110VAC, 50 or 60Hz	2000
PSW2000-1U	12, 24, 48	230 or 110VAC, 50 or 60Hz	2000
PSW3000	12, 24, 48	230 or 110VAC, 50 or 60Hz	3000
PSW3000-1U	12, 24, 48	230 or 110VAC, 50 or 60Hz	3000
Series UPSW (by pass switch Online or Offline UPS function selectable)			
UPSW2000	12, 24, 48	230 or 110VAC, 50 or 60Hz	2000
UPSW3000	12, 24, 48	230 or 110VAC, 50 or 60Hz	3000
UPSW2000HV	110, 220	230 or 110VAC, 50 or 60Hz	2000
UPSW3000HV	110, 220	230 or 110VAC, 50 or 60Hz	3000
Series IVS			
IVS500R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	500
IVS1000R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	1000
IVS1500R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	1500
IVS2000R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	2000
IVS2500R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	2500
IVS3000R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	3000
IVS4000R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	4000
IVS5000R	24, 36, 48, 125, 250	115 or 230VAC at 50, 60 or 400Hz	5000
Series RCTP			
RCTP1500R	24, 48, 125, 250	208, 380 or 415VAC at 50, 60 or 400Hz	1500
RCTP3000R	24, 48, 125, 250	208, 380 or 415VAC at 50, 60 or 400Hz	3000
RCTP6000R	24, 48, 125, 250	208, 380 or 415VAC at 50, 60 or 400Hz	6000

Available from:

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The power conversion company

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