

POWER INVERTERS

Pure & Modified Sine Wave
Power Inverters



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CATALOGUE
2023



POWER INVERTERS

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TDJ AUSTRALIA PTY LTD

PO Box 883
Braeside, Melbourne
Victoria 3195, Australia
+61 3 8587 8888
+61 3 8526 0305
orders@tdj.com.au

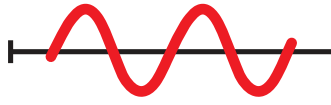
SALES & CUSTOMER SERVICE

+61 3 8587 8889
+61 3 8587 8899
orders@tdj.com.au

AFTER SALES SERVICE & REPAIRS

+61 3 8587 8898
+61 3 8587 8866
service@tdj.com.au

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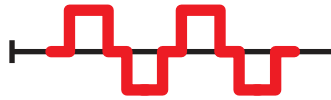


PURE SINE WAVE

Pure Sine Wave Inverters produce a waveform that replicates the electricity current of your 240V AC household power point, making them suitable for powering sensitive electronic equipment, such as computers and audio systems.



VS



MODIFIED SINE WAVE

Modified Sine Wave Inverters produce a stepped approximation of a sine wave and are better suited for powering non-sensitive equipment with simple resistive loads, such as lights and heaters.

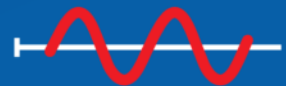


2000W PURE SINE WAVE POWER INVERTER

12V DC TO 220V-240V AC 50Hz



PURE SINE WAVE



2000W RATED

4000W PEAK



LCD Display



Dual 240V Sockets



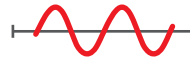
Dual USB Charge Ports



Voltage, Load & Short Circuit

**API2000P****2000W PURE SINE WAVE
POWER INVERTER**

Pure sine wave, suitable for sensitive & non-sensitive appliances
 4000W Peak power, 2000W continuous rated power
 Provides 240V AC power from a 12V DC battery source
 LCD Display shows power draw, voltage and battery capacity
 Dual 240V AC output sockets
 2.1A USB dual ports for charging/powering USB devices
 Low voltage alarm and shutdown
 Overload protection shutdown
 Short circuit protection with automatic reset
 80cm battery power cable with ring terminals included

PURE SINE WAVE**SPECIFICATIONS**

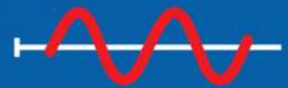
Output Waveform:	Pure Sine Wave
Peak Power:	4000 W
Rated Output Power:	2000 W
Input Voltage:	12.8V-13.2V DC
Output Voltage:	220V-240V AC
Output Frequency:	50Hz
USB Output:	DC 5V 2100mA
Max Output Efficiency:	> 85%
12V Input Current(no load):	< 1.2A
Low Voltage Alarm:	10.5V ± 0.5V
Low Voltage Shutdown (no load):	9.5V ± 0.5 V
Over Voltage Shutdown (no load):	15.5 V ± 0.5 V
Overload Shutdown:	≥ 2200 W
Short Circuit Protection:	Yes
Operating Temperature:	-10°C - +40°C
Fuse:	40A x6 Internal
Cable:	80cm Cable With Ring Terminals
Please Note:	Pure Sine Wave Inverters can be used with all types of electrical appliances including audio devices, sensitive equipment that may have delicate electronics and devices with AC motors.

1000W PURE SINE WAVE POWER INVERTER

12V DC TO 220V-240V AC 50Hz



PURE SINE WAVE



1000W RATED

2000W PEAK



LCD Display



Dual 240V Sockets



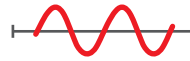
Dual USB Charge Ports



Voltage, Load & Short Circuit

**API1000P****1000W PURE SINE WAVE
POWER INVERTER**

Pure sine wave, suitable for sensitive & non-sensitive appliances
 2000W Peak power, 1000W continuous rated power
 Provides 240V AC power from a 12V DC battery source
 LCD Display shows power draw, voltage and battery capacity
 Dual 240V AC output sockets
 2.1A USB dual ports for charging/powering USB devices
 Low voltage alarm and shutdown
 Overload protection shutdown
 Short circuit protection with automatic reset
 80cm battery power cable with ring terminals included

PURE SINE WAVE**SPECIFICATIONS**

Output Waveform:	Pure Sine Wave
Peak Power:	2000 W
Rated Output Power:	1000 W
Input Voltage:	12.8V-13.2V DC
Output Voltage:	220V-240V AC
Output Frequency:	50Hz
USB Output:	DC 5V 2100mA
Max Output Efficiency:	> 85%
12V Input Current(no load):	< 1A
Low Voltage Alarm:	10.5V ± 0.5V
Low Voltage Shutdown (no load):	9.5V ± 0.5 V
Over Voltage Shutdown (no load):	15.5 V ± 0.5 V
Overload Shutdown:	≥ 1200 W
Short Circuit Protection:	Yes
Operating Temperature:	-10°C - +40°C
Fuse:	30A x4 Internal
Cable:	80cm Cable With Ring Terminals
Please Note:	Pure Sine Wave Inverters can be used with all types of electrical appliances including audio devices, sensitive equipment that may have delicate electronics and devices with AC motors.

600W PURE SINE WAVE POWER INVERTER

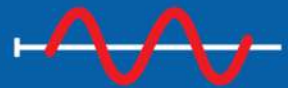
12V DC TO 220V-240V AC 50Hz



Product Info



PURE SINE WAVE



600W RATED

1200W PEAK



Single 240V Sockets



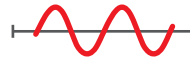
Single USB Charge Ports



Voltage, Load & Short Circuit

**API600P****600W PURE SINE WAVE
POWER INVERTER**

Pure sine wave, suitable for sensitive & non-sensitive appliances
 1200W Peak power, 600W continuous rated power
 Provides 240V AC power from a 12V DC battery source
 Single 240V AC output socket
 2.1A USB Port for charging/powering a USB device
 LED status indicator lights
 Low voltage alarm and shutdown
 Overload protection shutdown
 Short circuit protection with automatic
 80cm battery power cable with alligator clips included

PURE SINE WAVE**SPECIFICATIONS**

Output Waveform:	Pure Sine Wave
Peak Power:	1200 W
Rated Output Power:	600 W
Input Voltage:	12.8V-13.2V DC
Output Voltage:	220V-240V AC
Output Frequency:	50 Hz
USB Output:	DC 5V 2100 mA
Max Output Efficiency:	> 85%
12V Input Current(no load):	< 0.4 A
Low Voltage Alarm:	10.5 V \pm 0.5 V
Low Voltage Shutdown (no load):	9.5 V \pm 0.5 V
Over Voltage Shutdown (no load):	15.5 V \pm 0.5 V
Overload Shutdown:	\geq 720 W
Short Circuit Protection:	Yes
Operating Temperature:	-10°C - +40°C
Fuse:	35A x2 Internal
Cable:	80cm Cable With Alligator Clips
Please Note:	Pure Sine Wave Inverters can be used with all types of electrical appliances including audio devices, sensitive equipment that may have delicate electronics and devices with AC motors.

800W MODIFIED SINE WAVE POWER INVERTER

12V DC TO 220V-240V AC 50Hz



Product Info



MODIFIED SINE WAVE



800W RATED

1600W PEAK



Single 240V Sockets



Single USB Charge Ports



Voltage, Load & Short Circuit

**API800W****800W MODIFIED SINE WAVE
POWER INVERTER**

Modified sine wave, suitable for non-sensitive appliances
 1600W Peak power, 800W continuous rated power
 Provides 240V AC power from a 12V DC battery source
 Single 240V AC output socket
 2.1A USB Port for charging/powering a USB device
 LED status indicator lights
 Low voltage alarm and shutdown
 Overload protection shutdown
 Short circuit protection with automatic reset
 80cm battery power cable with ring terminals included

MODIFIED SINE WAVE**SPECIFICATIONS**

Output Waveform:	Modified Sine Wave
Peak Power:	1600 W
Rated Output Power:	800 W
Input Voltage:	12.8V-13.2V DC
Output Voltage:	220V-240V AC
Output Frequency:	50 Hz
USB Output:	DC 5V 2100 mA
Max Output Efficiency:	> 80%
12V Input Current(no load):	< 0.5 A
Low Voltage Alarm:	10.5 V \pm 0.5 V
Low Voltage Shutdown (no load):	9.5 V \pm 0.5 V
Over Voltage Shutdown (no load):	15.5 V \pm 0.5 V
Overload Shutdown:	\geq 960 W
Short Circuit Protection:	Yes
Operating Temperature:	-10°C - +40°C
Fuse:	50A x2 Internal
Cable:	80cm Cable With Ring Terminals
Please Note:	Modified Sine Wave Inverters are not recommended for use with audio devices, sensitive equipment that may have delicate electronics or equipment with AC motors.

600W MODIFIED SINE WAVE POWER INVERTER

12V DC TO 220V-240V AC 50Hz



MODIFIED SINE WAVE



600W RATED

1200W PEAK



Single 240V Sockets



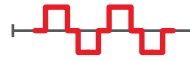
Single USB Charge Ports



Voltage, Load & Short Circuit

**API600W****600W MODIFIED SINE WAVE
POWER INVERTER**

Modified sine wave, suitable for non-sensitive appliances
 1200W Peak power, 600W continuous rated power
 Provides 240V AC power from a 12V DC battery source
 Single 240V AC output socket
 2.1A USB Port for charging/powering a USB device
 LED status indicator lights
 Low voltage alarm and shutdown
 Overload protection shutdown
 Short circuit protection with automatic reset
 80cm battery power cable with alligator clips included

MODIFIED SINE WAVE**SPECIFICATIONS**

Output Waveform:	Modified Sine Wave
Peak Power:	1200 W
Rated Output Power:	600 W
Input Voltage:	12.8V-13.2V DC
Output Voltage:	220V-240V AC
Output Frequency:	50 Hz
USB Output:	DC 5V 2100 mA
Max Output Efficiency:	> 80%
12V Input Current(no load):	< 0.4 A
Low Voltage Alarm:	10.5 V \pm 0.5 V
Low Voltage Shutdown (no load):	9.5 V \pm 0.5 V
Over Voltage Shutdown (no load):	15.5 V \pm 0.5 V
Overload Shutdown:	\geq 720 W
Short Circuit Protection:	Yes
Operating Temperature:	-10°C - +40°C
Fuse:	35A x2 Internal
Cable:	80cm Cable With Alligator Clips
Please Note:	Modified Sine Wave Inverters are not recommended for use with audio devices, sensitive equipment that may have delicate electronics or equipment with AC motors.



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