

Power Inverters - Modified Sinewave



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KISAE Modified sinewave power inverters convert 12V DC battery power into household AC power. This type of power inverter offers an electronically produced “stepped” waveform, which is very capable and will work very well for powering many applications where sensitivity is not a factor. They represent the most common type of inverter sold on the market today, mostly due to their lower in-store purchase price. KISAE offers a wide range of modified sinewave inverter power levels.



Power Inverters



Modified Sine Wave Output - MW Series
Regulatory Approved
Commercial / Residential / Leisure Use

Modified Sinewave Power Inverters	120 VAC Series			
	MW 1204	MW 1210	MW 1215	MW 1230HW

AC Output

Power (Continuous)	400W	1000W	1500W	3000W
Power (Peak)	800W	2000W	3000W	6000W
Voltage/Frequency	120VAC / 60 Hz	120VAC / 60 Hz	120VAC / 60 Hz	120VAC / 60 Hz
Current	3.3A	8.3A	12.5A	25.0A
Waveform	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave
Peak Efficiency	90%	90%	90%	90%
AC Receptacle	NEMA 5-15	NEMA 5-15 (GFCI)	NEMA 5-15 (GFCI)	NEMA 5-20 (GFCI)
DC Output 5V USB Output	N/A	750mA	750mA	2.1A

DC Input

Voltage (Nominal)	12.5Vdc	12.5Vdc	12.5Vdc	12.5Vdc
Operation Range	10.5 - 15.5Vdc	10.5 - 15.5Vdc	10.5 - 15.5Vdc	10.5 - 15.5Vdc
Inverter Standby Current	< 0.3A	< 0.6A	< 0.6A	< 1.2A

Display Panel

Indicator	Power, Fault	Status	Status	Status, Display
Digital Display (LED)	Not Applicable	Input Voltage, Output Power, Warning and Error Code		

Protection

Input Undervoltage Shutdown	10.5Vdc	10.5Vdc	10.5Vdc	10.5Vdc
Input Overvoltage Shutdown	15.5Vdc	15.5Vdc	15.5Vdc	15.5Vdc

Regulatory Compliance

Markings Conformance	cETLus UL & CSA Standards	cETLus UL & CSA Standards	cETLus UL & CSA Standards	cETLus UL & CSA Standards
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*230V versions also available.

Enclosure

Weight	1.6 lbs.	5.3 lbs.	6.9 lbs.	12.8 lbs.
Dimension	4 x 6 x 2"	12.3 x 6.9 x 3.4"	15 x 6.9 x 3.4"	19.2 x 9 x 4.5"

