

400W -
2000W



DC to AC Power Inverters

Plug & Play Series

Sinewave series

SW-400W, 1000W, 2000W

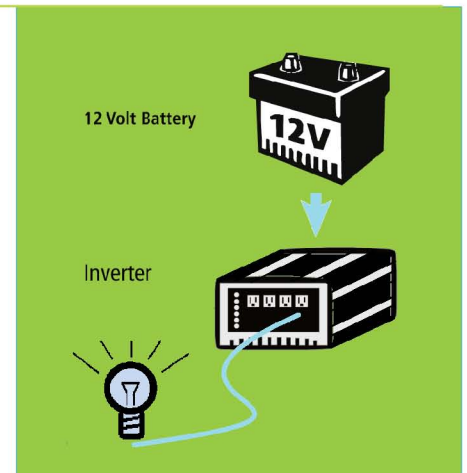
Modified Sinewave series

MW-400W, 1000W, 1500W



Convert Battery Power to Household AC Power

- Run your household appliances in your truck, boat or RV
- Premium power sinewave inverters (SW series)
- Powerful and economical modified sinewave inverters (MW series)
- Exacting quality in compact sizes
- Ideal for cars, boats, trucks, and RV's



KISAE Power Inverter features & benefits

- Regulated output
- Low battery shutdown to prevent total battery discharge
- GFCI outlets for safe operation (all models except 400W)
- Built in LED display for battery status and load measurement
- Silent operation
- Over temperature shutdown
- Simple to install
- Remote on/off switch (all models except 400W)
- Compact size for easy storage
- USB port for charging USB devices (all models except 400W MSW)

Dimensions: (W x L x H)

SW 1204	6.9 x 7.9 x 2.3"	(175 x 200 x 89mm)
SW 1210	7.3 x 12.2 x 3.5"	(185 x 319 x 90mm)
SW 1220	9.5 x 16.5 x 4.5"	(240 x 420 x 115mm)
MW 1204	4.0 x 6.0 x 2.5"	(100 x 150 x 63mm)
MW 1210	6.0 x 3.0 x 12.5"	(150 x 75 x 320mm)
MW 1215	6.0 x 3.0 x 15.0"	(150 x 75 x 380mm)

Weight:

SW 1204	3.8 lb (1.7 kg)
SW 1210	6.3 lb (2.9 kg)
SW 1220	12.0 lb (5.5 kg)
MW 1204	1.8 lb (0.8 kg)
MW 1210	5.5 lb (2.5 kg)
MW 1215	7.0 lb (3.2 kg)

KISAE DC to AC Power Inverters

Plug & Play Series

Sinewave SW series
400W, 1000W, 2000W

Modified MW series
400W, 1000W, 1500W



	SW series (True Sinewave)						MW series (Modified Sinewave)					
	120 VAC			230 VAC			120 VAC			230 VAC		
	SW1204	SW1210	SW1220	SW1204i	SW1210i	SW1220i	MW1204	MW1210	MW1215	MW1204i	1210i	1215i
AC Output												
Power (Continuous)	400W	1000W	2000W	400W	1000W	2000W	400W	1000W	1500W	400W	1000W	1500W
Power (Peak)	800W	2000W	4000W	800W	2000W	4000W	800W	2000W	3000W	800W	2000W	3000W
Voltage/Frequency	120Vac / 60Hz			230Vac / 50 Hz			120Vac/ 60 Hz			230Vac / 50 Hz		
Current	3.3A	8.3A	16.6A	1.74A	4.3A	8.6A	3.3A	8.3A	12.5A	1.7A	4.3A	6.5A
Waveform	True Sine Wave (<3% THD)			True Sine Wave (<3% THD)			Modified Sinewave			Modified Sinewave		
Peak Efficiency	90%			90%			90%			90%		
AC Output Socket	US (GFCI receptacle)			Euro, Australia, UK			US	US (GFCI receptacle)		Euro, Australia, UK		
DC Output												
5V USB	750mA			750mA			N/A	750mA		N/A	750mA	
DC Input												
Voltage (nominal)	12Vdc			12Vdc			12Vdc			12Vdc		
Operation Range	10.5 - 15.5Vdc			10.5 - 15.5Vdc			10.5 - 15.5Vdc			10.5 - 15.5Vdc		
Current (no load)	0.8A	1.2A	1.2A	0.8A	1.2A	1.2A	0.3A	0.6A	0.6A	0.3A	0.6A	0.6A
Current (full load)	38A	94A	187A	38A	94A	187A	38A	94A	140A	38A	94A	140A
Display Panel												
LED Indicator	Yes (Power, Fault)			Yes (Power, Fault)			Yes (Power, Fault)			Yes (Power, Fault)		
LED Digital Display	N/A	Input Volt, Output Power, Warning and Error code		N/A	Input Volt, Output Power, Warning and Error code		N/A	Input Volt, Output Power, Warning and Error code		N/A	Input Volt, Output Power, Warning and Error code	
Remote Port	N/A	Yes (RJ12)		N/A	Yes (RJ12)		N/A	Yes (RJ12)		N/A	Yes (RJ12)	
Remote Panel	N/A	Optional (for on/off use)		N/A	Optional (for on/off use)		N/A	Optional (for on/off use)		N/A	Optional (for on/off use)	
Protection												
Input Undervoltage Warning	11.2Vdc			11.2Vdc			11.2Vdc			11.2Vdc		
Input Undervoltage Shutdown	10.5Vdc			10.5Vdc			10.5Vdc			10.5Vdc		
Input Undervoltage Recovery	11.8Vdc			11.8Vdc			11.8Vdc			11.8Vdc		
Input Overvoltage Shutdown	15.5Vdc			15.5Vdc			15.5Vdc			15.5Vdc		
Output Power Warning	N/A	Yes, with warning code		N/A	Yes, with warning code		N/A			N/A		
Output Power Shutdown	Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code	
Output Short Circuit	Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code	
Temperature Warning	N/A	Yes, with warning code		N/A	Yes, with warning code		N/A			N/A		
Temperature Shutdown	Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code		Yes	Yes, with shutdown code	
Regulatory Compliance												
Markings	cETLus			CE			cETLus			CE		
Conformance	Conforms to UL 458, Certified to CSA 22.2, 107.1			CE (LVD) & CE (EMC)			Conforms to UL 458, Certified to CSA 22.2, 107.1			CE (LVD) & CE (EMC)		

