

# DC to AC Power Inverter



## True Sinewave Inverter Series SW 1204, SW 1210, SW 1220

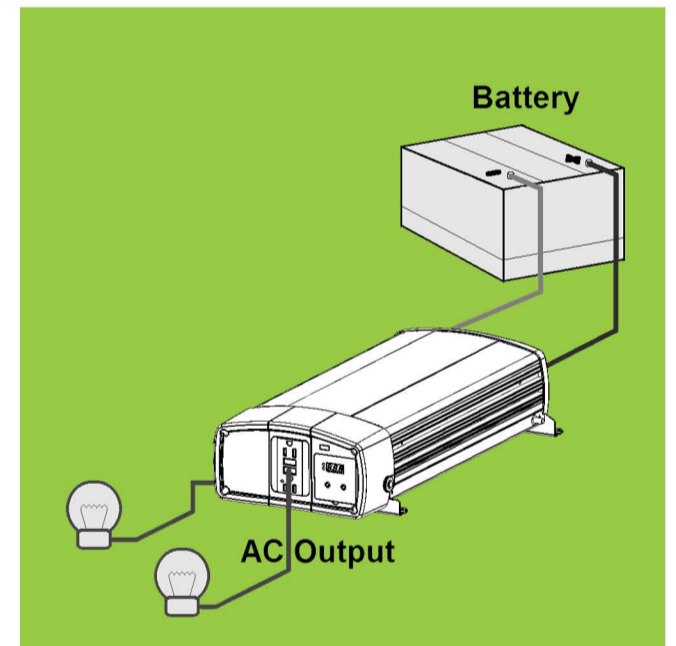
## MSW Inverter Series

MW 1204, MW 1210, MW 1215,  
MW 1230HW



### 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



### Features and 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 Lx H):

SW 1204:	6.9 x 7.9 x 2.3"	(175 x 201 x 58mm)
SW 1210:	12.6 x 6.9 x 3.4"	(320 x 175 x 87mm)
SW 1220:	16.3 x 9.1 x 4.3"	(414 x 231 x 109mm)
MW 1204:	4 x 6 x 2"	(102 x 152 x 51mm)
MW 1210:	12.3 x 6.9 x 3.4"	(312 x 176 x 86mm)
MW 1215:	15 x 6.9 x 3.4"	(381 x 176 x 86mm)
MW 1230HW:	19.2 x 9 x 4.5"	(488 x 229 x 114mm)

### Weight:

SW 1204:	3.8 lb (1.73 kg)
SW 1210:	6.0 lb (2.73 kg)
SW 1220:	11.5 lb (5.23 kg)
MW 1204:	1.6 lb (0.73 kg)
MW 1210:	5.3 lb (2.41 kg)
MW 1215:	6.9 lb (3.14 kg)
MW 1230HW:	12.8 lb (5.82 kg)



# DC to AC Power Inverters

## True Sinewave Inverter Series

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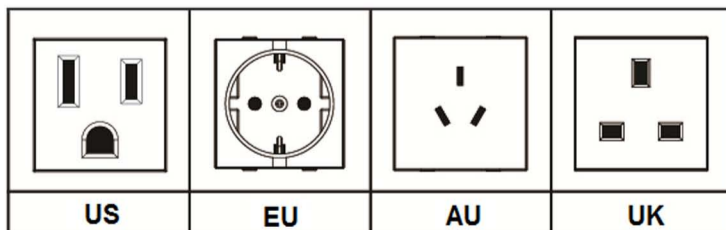
## MSW Inverter, Hardwire Series

MW 1204, MW 1210, MW 1215,

MW1230HW



	SW series (True Sinewave)						MW series (Modified Sinewave)				
	120 VAC			230 VAC			120 VAC				
	SW1204	SW1210	SW1220	SW1204i	SW1210i	SW1220i	MW1204	MW1210	MW1215	MW1230HW	
<b>AC Output</b>											
Power (Continuous)	400W	1000W	2000W	400W	1000W	2000W	400W	1000W	1500W	3000W	
Power (Peak)	800W	2000W	4000W	800W	2000W	4000W	800W	2000W	3000W	6000W	
Voltage/Frequency	120Vac / 60Hz			230Vac / 50 Hz			120Vac/ 60 Hz				
Current	3.3A	8.3A	16.6A	1.74A	4.3A	8.6A	3.3A	8.3A	12.5A	25.0A	
Waveform	True Sine Wave (<3% THD)			True Sine Wave (<3% THD)			Modified Sinewave				
Peak Efficiency	90%			90%			90%				
AC Output Socket	NEMA 5-15 (GFCI)			Euro, Australia, UK			NEMA 5-15	NEMA 5-15 (GFCI)		NEMA 5-20	
<b>DC Output</b>											
5V USB	750mA			750mA			N/A	750mA		2.1 A	
<b>DC Input</b>											
Voltage (nominal)	12.5Vdc			12.5Vdc			12.5Vdc				
Operation Range	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	1.2A	
Current (full load)	38A	94A	187A	38A	94A	187A	38A	94A	140A	290A	
<b>Display Panel</b>											
LED Indicator	Power, Fault		Status		Power, Fault		Status		Power, Fault		Status, Display
LED Digital Display	N/A	Input Volt, Output Power,		N/A	Input Volt, Output Power,		N/A	Input Volt, Output Power,			
Remote Port	N/A	Yes (RJ12)		N/A	Yes (RJ12)		N/A	Yes (RJ12)		N/A	
Remote Panel	N/A	Optional (for on/off use)		N/A	Optional (for on/off use)		N/A	Optional (for on/off use)		Detachable	
<b>Protection</b>											
Input Undervoltage Warning	11.2Vdc			11.2Vdc			11.2Vdc				
Input Undervoltage Shutdown	10.5Vdc			10.5Vdc			10.5Vdc				
Input Undervoltage Recovery	11.8Vdc			11.8Vdc			11.8Vdc				
Input Overvoltage Shutdown	15.5Vdc			15.5Vdc			15.5Vdc				
Output Power Warning	N/A	Warning code		N/A	Warning code		N/A		Warning code		
Output Power Shutdown	Yes	Shutdown code		Yes	Shutdown code		Yes	Shutdown code		Shutdown code	
Output Short Circuit	Yes	Shutdown code		Yes	Shutdown code		Yes	Shutdown code		Shutdown code	
Temperature Warning	N/A	Warning code		N/A	Warning code		N/A		Warning code		
Temperature Shutdown	Yes	Shutdown code		Yes	Shutdown code		Yes	Shutdown code		Shutdown code	
<b>Regulatory Compliance</b>											
Markings	cETLus			CE			cETLus				
Conformance	Conforms to UL 458,			LVD & EMC			Conforms to UL 458,				



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