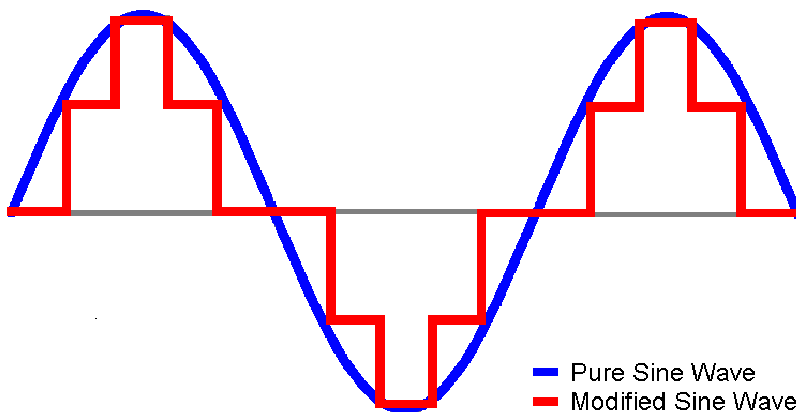


230VAC Pure Sine Wave Inverters

DMS technologies supplies pure sine wave inverters designed specially for professional applications where reliability is required. Our compact inverters produce a pure 230VAC 50Hz supply from a 12V or 24V battery bank or DC supply.

The units revert to a standby mode when not in use to conserve battery power and are available with UK or EU output sockets.



Benefits:

- Professional design, easy installation
- Pure sine wave output
- High efficiency, up to 90%
- LED indication
- Standby mode to conserve energy
- Battery low shutdown
- Overload 150% for 10 seconds

DMS technologies only supply Pure Sine Wave inverters as opposed to inferior Modified Sine Wave alternatives. The reason for this is that many items of important equipment require a Pure Sine Wave AC supply. Inductive loads must be powered by a Pure Sine Wave and electrical interference generated by Modified Sine Wave inverters also causes issues when using radio and computer equipment.

These intelligent inverters are designed for use within electrical systems commonly found in vehicle and on-board marine electrical systems, as well as highly demanding industrial applications. The pure sine wave output allows these inverters to be used with a wide range of equipment and the high efficiency reduces power loss and heat output.

The inverters produce a low battery alarm and will shut down when the battery voltage reaches a preset low voltage to protect from over discharge and subsequent damage to the batteries. The inverter will also shut down in the event of over load or high temperature.

230VAC Pure Sine Wave Inverters

	400W	700W	1000W
Input Voltage	12VDC*		
Input Voltage Range	10.5 – 15VDC		
Output Voltage	230VAC		
Output Frequency	50Hz / 60Hz (selectable by setting button)		
Output Power	400W	700W	1000W
Maximum Output Power	600W for 10 sec	1050W for 10 sec	1500 W for 10 sec
AC output regulation	±3% of rated output voltage		
Typical Efficiency	86%	89%	90%
No load dissipation	-	≤ 6W @ standby mode	
Working temperature	-10 to +40°C @ 100% +60 °C @ 50% load	0 to +40°C @ 100% +60 °C @ 50% load	0 to +40°C @ 100% +60 °C @ 50% load
Dimensions (mm)	205 x 158 x 67	295 x 184 x 70	393 x 184 x 70
Weight (kg)	1.73	3.8	4.3
Safety Features	Input protections: Battery Low alarm Battery Low shut down Reverse polarity Over voltage Output protections: Short circuit Overload Over temperature		
Approvals	CE and UL EN60950-1 EN55022 class A EN61000-4-2,3,8 ENV50204		

* 24VDC input versions available on request

DMS technologies reserves the right to alter product specifications without prior notice

DMS technologies, Belbins Business Park, Cupernham Lane, Romsey, Hants., SO51 7JF, UK
 Tel: +44(0) 1794 525400 Fax: +44(0) 1794 525450 e-mail: sales@dmstech.co.uk