

Electrical Specifications	512	524	1012	1024	2312	2324
Continuous Output Power	500W	500W	1.200W	1.200W	2.000W	2.300W
Output Power Surge (*MCSIA)	10.000W	10.000W	15.000W	15.000W	20.000W	20.000W
AC Output voltage	230V	230V	230V	230V	230V	230V
Regulation	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%
THD (max)	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%
Output Wave Form	Pure sine-wave	Pure sine-wave	Pure sine-wave	Pure sine-wave	Pure sine-wave	Pure sine-wave
Frequency **	50Hz ± 0,04%	50Hz ± 0,04%	50Hz ± 0,04%	50Hz ± 0,04%	50Hz ± 0,04%	50Hz ± 0,04%
DC Input Voltage	10-15V	20-30V	10-15V	20-30V	10-15V	20-30V
Efficiency at full load	>93%	>93%	>93%	>93%	>93%	>93%
Stand-by consumption	3W	3W	3W	3W	5W	5W
No load power consumption	8,5W	12W	8,5W	12W	12W	15W
* MCSIA = Microprocessor Controlled Simulated Imedande Automatic ** Crystal Controlled						
Environmental Specifications						
Operating temperature	-20° C TO +60° C					
Air cooling	Temperature Controlled FAN					
PCB protection	All pcb's are coated so they can withstand moister and salt from maritime environment					
Mechanical Specifications						
Inverter Dimensions in mm (L x W x H)	220 x 167 x 98	220 x 167 x 98	260 x 190 x 120	260 x 190 x 120	350 x 190 x 120	350 x 190 x 120
IP protection class	IP67	IP67	IP21	IP21	IP21	IP21
Unit Weight	4,5 kg	4,5 kg	6 kg	6 kg	8 kg	8 kg
AC Outlet	3-pole female IEC socket					
Battery Cables, 2 mtr	2 x 35 mm <sup>2</sup> (Sinus 2312 2 x 50 mm <sup>2</sup> ) High Flex cables with end-lugs and 2 x nickel plated round pole contacts					
Cabinet	Extruded aluminium / anodized					
Features and Options						
Remote functions	Yes					
Alarm functions	Overload, High Temp, Short Circuit, Low Battery					
Power Save functions	Yes					
Status indications	Yes, by LED's in front					
External LDC display	Option: Complete with CP power management software					
LCD interface features	On-screen configuration of inverter parameters					
	Automatic startup and shutdown					
	On-screen battery time countdown					
	Low battery warning					
	Temperature					
	Time-and-date					
All power failure functions						
Standards						
Safety	IEC 950					
Emission	EN 50081-1:1992					
Immunity	EN 50082-1:1992					
Automotive Directive	95/54/EC					
CE marking	Yes					