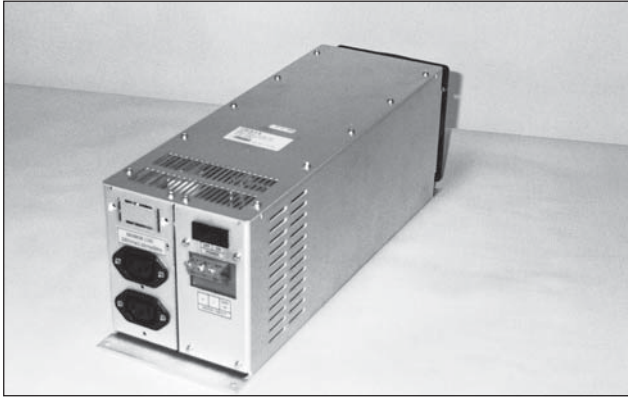


# CSI SERIES

## DC/AC Sine Wave Inverters: 500 - 5000 Watts



### General Specifications

<b>Input Voltage:</b>	24VDC, 36VDC, 48VDC, 120VDC, 270VDC • Other input options on request.
<b>Input Range:</b>	±15%, (other options on request)
<b>Output Voltage:</b>	115VAC/230VAC options
<b>Output Frequency:</b>	50Hz, 60Hz, 400Hz options
<b>Output Power:</b>	500 - 5000 watts
<b>Isolation:</b>	For input >60VDC: Input - Output 2250VDC For input <60VDC: Input - Output 1500VDC • Other options on request
<b>EMI:</b>	EN55011 Class B conducted
<b>Immunity:</b>	EN61000-4
<b>Regulation:</b>	Load: ±6% from 10% to 100% load step Line: ±0.5% over input range
<b>Protection:</b>	Current limiting with short circuit protection. Self re-setting thermostat for thermal protection
<b>Operating Temp:</b>	0°C to +50°C at rated load. Other options on request
<b>Cooling:</b>	Fan cooled
<b>Alarms:</b>	Output fail alarm - option (Voltage Free Contacts). Remote inhibit option
<b>Dimensions/Weight:</b>	For inputs <125VDC CSI500: 127 x 135 x 394mm 4Kg CSI1K: 192 x 135 x 394mm 6Kg CSI1.5K: 293 x 135 x 415mm 6-10Kg CSI2K: 293 x 135 x 415mm 6-10Kg CSI2.5K: 3U x 19in x 460mm 10-15Kg CSI3K: 6U x 19in x 460mm 28Kg CSI4K: 6U x 19in x 460mm 28Kg CSI5K: 6U x 19in x 460mm 30Kg

### Description

The **CSI** series DC/AC sine wave inverters are designed for a wide range of industrial applications, including Power Stations, Avionics and Telecommunications. They provide sinusoidal output waveform and input voltage options from 24 - 270VDC. Available in free standing/wall mounting assemblies or a range of 19in rack mount solutions.

Output voltage and frequency is as per table below, but we are also able to design for other outputs.

### Options

<b>Alarms:</b>	Output Fail Alarm: voltage free relay contacts
<b>Remote inhibit:</b>	Remote ON/OFF
<b>Ruggedised:</b>	Conformal coating and ruggedisation for use in harsh environments
<b>Mechanical:</b>	Can design/manufacture to customer specified mechanical styles

For inputs > 125VDC	
CSI500:	127 x 135 x 394mm 4Kg
CSI1K:	127 x 135 x 394mm 6Kg
CSI1.5K:	192 x 135 x 394mm 6-10Kg
CSI2K:	192 x 135 x 394mm 6-10Kg
CSI2.5K:	293 x 135 x 415mm 10-15Kg
CSI3K:	293 x 135 x 415mm 28Kg
CSI4K:	252 x 135 x 415mm 28Kg
CSI5K:	6U x 19in x 460mm 30Kg
* Other mechanical styles available on request	

CSI	Power	Input	Output	Options	
Series	500W = 500	24V = 2	A = 115V / 60Hz	AL = Alarm Output alarm	
	1000W = 1K	36V = 3			
	1500W = 1K5	48V = 4	E = 230V / 50Hz		
	2000W = 2K	72V = 7			
	2500W = 2K5	96V = 9	M = 115V / 400Hz		
	3000W = 3K	125V = 5			
	4000W = 4K	250V = 6			
	5000W = 5K				
	Model Example				
	<b>CSI-1K-4E</b> Input: 48VDC Output: 230VAC 50Hz 1000W				