

CSR SERIES

DC/AC Inverters Pure sinewave 150VA 500VA rack mount



Features

- Sinusoidal output waveform
- 2U x 19in Rack mount assembly
- Frequency options 50Hz / 60Hz / 400Hz
- Wide range of input options: 24 ~ 120vdc
- For 250vdc input, only avail at 500W
- Power levels: 150 ~ 500 VA
- AC Output on Front panel GPO and rear terminals
- Convection cooled- no fans
- Rugged design for harsh environments
- Full electronic protection
- Non standard input voltage options

General Specifications

Input Voltage	24VDC, 36VDC, 48VDC, 120VDC, 270VDC <ul style="list-style-type: none">• Other input voltage options on request• 250VDC input only on 500VA models
Input Range	-15 to +20% of input, other options on request
Output voltage	115VAC / 230VAC options
Output Freq.	50Hz, 60Hz, 400Hz options
Output Power	150 ~ 500 watts
Isolation	For input > 60vdc : Input – Output: 2250vdc For input <60vdc: Input – Output: 1500vdc <ul style="list-style-type: none">• Other options on request
EMI	EN55011 Class A conducted
Immunity	EN 61000-4
Regulation	Load: $\pm 2\%$ from 10% to 100% load step. Line: $\pm 0.5\%$ over input range
Protection	Current limiting with short circuit protection Self re-setting thermostat for thermal protection
Operating Temp	0°C to +50°C at rated load. Other options on request
Cooling	Convection cooled
Alarms	Option
Dimensions	2U x 19in x 370mm

Description

The **CSR** 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.

Their low profile and rugged design is key feature of the product.

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

Packaged in an industry standard 2U x 19in Rack assembly with AC output available on front panel GPO and also on rear terminals, providing total flexibility.

Model Example

CSR-300-4-E

Input: 48VDC Output: 230VAC 50Hz 300W

CSR	Power	Input	Output	Special no
SERIES NAME	150 = 150W	2 = 24V	A = 115V / 60Hz	Factory Special
	200 = 200W	3 = 36V	E = 230V / 50Hz	
	300 = 300W	4 = 48V	M = 115V / 400Hz	
	500 = 500W	7 = 72V		
		9 = 96V		
		108 = 108V		
		5 = 125V		
		6 = 250V		