



CP Power & Automation Ltd

S Range Pure Sinewave Inverters 1500W



Technical data

Model	S1500-212	S1500-224	S1500-248
-------	-----------	-----------	-----------

INTRODUCTION

The S range of inverters produce a true sinewave output from a battery. They convert power at very high efficiency to give the maximum possible running time from the battery. They use high frequency output circuitry to achieve small size, light weight and high efficiency. The units are fitted with a low speed fan which runs only when necessary.

FEATURES

Battery Voltage	12V	24V	48V
Input voltage range	10 – 16V	20 – 32V	42 – 62V
Output Voltage (+4% / -10%)	220/230/240V AC	220/230/240V AC	220/230/240V AC
Continuous Output Power	1500w	1500w	1500w
Maximum Power for 3 minutes	N/A	N/A	N/A
Surge Power	2000w	2000w	2000w
Maximum Efficiency	86%	89%	90%
Dimensions width(w) x height(h) x length(l)	275 x 105 x 390 mm	275 x 105 x 390 mm	275 x 105 x 390 mm
Weight	7kg	7kg	7kg
No-Load Power	N/A	N/A	N/A
Power in standby mode	<1.5W	<1.5W	<1.5W
Start-up from standby mode	5 seconds	5 seconds	5 seconds
Low-voltage alarm	10.2V	20.4V	41.6V
Low-voltage shutdown	9.5V	19V	40V
High-voltage shutdown	16.7V	33.4V	62V
Recommended Input fuse	200A	125A	75A
Recommended battery capacity (minimum)	500Ah	250Ah	125Ah

GENERAL DATA for all units

Output Waveform	True Sinewave
Output Waveform Distortion	<3% THD at nominal load power
Output Voltage	Selectable by switches for 220/230/240V AC Output <i>Note : 100/110/120V AC versions available to order</i>
Output Frequency	50Hz/60Hz +/- 0.05% (crystal controlled, selectable by a switch)
Operating Temperature	0C to 50C
WARRANTY	1 YEAR

CP Power & Automation Ltd

8 Hotchkiss Way, Binley Industrial Estate, Coventry CV3 2RL

Tel: +44 (0) 2476 444845 Fax: +44 (0) 2476 561531

Email: sales@cppowerautomation.com URL: www.cppowerautomation.com

Every effort has been made to ensure the accuracy of the information in this document. However, the CPPA policy is one of continuous improvement and for the latest information please contact the sales office. E&OE