



CP Power & Automation Ltd

S Range Pure Sinewave Inverters 600W



Technical data

Model	S600-212	S600-224	S600-248
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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	600w	600w	600w
Maximum Power for 3 minutes	N/A	N/A	N/A
Surge Power	800w	800w	800w
Maximum Efficiency	90%	93%	94%
Dimensions width(w) x height(h) x length(l)	180 x 72 x 295 mm	180 x 72 x 295 mm	180 x 72 x 295 mm
Weight	2.7kg	2.7kg	2.7kg
No-Load Power	N/A	N/A	N/A
Power in standby mode	<10.5W	<11W	<11.5W
Low-voltage alarm	11V	22V	42V
Low-voltage shutdown	10.5V	21V	42V
High-voltage shutdown	15.3V	31.6V	61.2V
Recommended Input fuse	100A	50A	25A

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

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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