

# SI series (350 – 2000 W)

Pure Sine Wave Inverters

<b>Type: SI 700</b>	<b>SI700-12110</b>	<b>SI700-12230</b>	<b>SI700-24110</b>	<b>SI700-24230</b>	<b>SI700-48110</b>	<b>SI700-48230</b>	
Rated power	700 W						
Surge power	700 - 1400 W, 6 s						
Input	12 Vdc		24 Vdc		48 Vdc		
Operating voltage	10.3 to 15.8 Vdc		20.6 to 31.6 Vdc		41.2 to 61.2 Vdc		
Shut down low battery	10.3 Vdc		20.6 Vdc		41.2 Vdc		
Battery low voltage alarm	10.6 Vdc		21.2 Vdc		42.0 Vdc		
Overvoltage shut down	15.8 Vdc		31.6 Vdc		61.2 Vdc		
No load current draw	< 1.25 Adc	< 1.2 Adc	< 0.64 Adc	< 0.6 Adc	< 0.31 Adc	< 0.28 Adc	
Save mode max. current draw	< 0.25 Adc		< 0.15 Adc		< 0.08 Adc		
Output	110 Vac	230 Vac	110 Vac	230 Vac	110 Vac	230 Vac	
Output socket	Universal	Universal	Universal	Universal	Universal	Universal	
Efficiency at rated Vdc, full load	89%	91%	92%	91%	93%	94%	
Dimensions	310 x 192 x 75 mm						
Weight	2.7 kg						
<b>Type: SI 1500</b>	<b>SI1500-24110</b>		<b>SI1500-24230</b>		<b>SI1500-48110</b>		<b>SI1500-48230</b>
Rated power	1500 W						
Surge power	1650 - 1750 W, 180 s; 1750 - 3000 W, 6 s						
Input	24 Vdc			48 Vdc			
Operating voltage	20.6 to 31.6 Vdc			41.2 to 61.2 Vdc			
Shut down low battery	20.6 Vdc			41.2 Vdc			
Battery low voltage alarm	21.2 Vdc			42.0 Vdc			
Overvoltage shut down	31.6 Vdc			61.2 Vdc			
No load current draw	< 0.75 Adc		< 0.7 Adc		< 0.4 Adc		< 0.4 Adc
Save mode max. current draw	< 0.15 Adc			< 0.09 Adc			
Output	110 Vac		230 Vac		110 Vac		230 Vac
Output socket	Universal		Universal		Universal		Universal
Efficiency at rated Vdc, full load	92%		90%		93%		94%
Dimensions	420 x 205 x 90 mm						
Weight	4.8 kg						
<b>All inverters SI series: 700 / 1500</b>							
AC regulation	+/- 3%						
Frequency swith select.	50/60 Hz +/-0.1%						
Protections	Overload, short circuit, DC over/under voltage, over temperature						
Waveform	True sine wave						
Power factor cos Ø	-90° to + 90°						
Operating temperature	-20° C to + 40° C						
Storage temperature	-30° C to + 70° C						
Max. humidity	90%						
Safety standard	UL458						
Cooling	Load/temperature controlled fan						
Reverse polarity protection	No, will result in permanent damage						
Remote control unit	Si-RSW (not for model SI 350) for 12 V and 24 V						

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