



PureSine<sup>2</sup>

## PureSine Series II DC to AC Power Inverters

Sinergex Technologies is pleased to announce the latest release to their professional line of power products. The Sinergex PureSine Series II inverters are the latest addition to Sinergex's professional power range. We have taken the reliability and precision of the original Sinergex PureSine series and added further features plus increased performance and efficiency. Using the latest technology in power conversion, the new PureSine Series II inverters have increased surge capabilities for starting tough loads and increased efficiency with the Power-saver mode for optimum performance. Our new technology has resulted in smaller and lighter range of inverters incorporating new aluminum cases that can be easily installed almost anywhere. The PureSine Series II inverters produce precise true sine wave power for distortion free operation. The PureSine Series II inverters include models from 700 watts to 3000 watts. Sinergex PureSine: Professional Power at an Affordable Price!



### PureSine II Features

- True Sine Wave Power
- Greater Surge Power
- Light Weight Design
- Remote Control Included
- Full Protection Features
- Increased Efficiency
- Power Saving Mode
- 2 Year World Wide Warranty
- Microprocessor Controlled
- 700, 1000, 1500, 2000, 3000 Watt Models



Sinergex



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## Specifications

MODEL	PS-700-112	PS-700-124	PS-700-148	PS-700-212	PS-700-224	PS-700-248
CONTINUOUS AC POWER	700 WATTS	700 WATTS	700 WATTS	700 WATTS	700 WATTS	700 WATTS
CONTINUOUS AC POWER - (3 MINUTES)	800 WATTS	800 WATTS	800 WATTS	800 WATTS	800 WATTS	800 WATTS
SURGE AC POWER	1200 WATTS	1200 WATTS	1200 WATTS	1200 WATTS	1200 WATTS	1200 WATTS
DC INPUT VOLTAGE	10.5 - 15.0 VDC	21.0 - 30.0 VDC	42.0 - 60.0 VDC	10.5 - 15.0 VDC	20.1 - 30.0 VDC	42.0 - 60.0 VDC
OUTPUT AC VOLTAGE	100/110/120 VAC +/- 4%			220/230/240 VAC +/- 3%		
OUTPUT AC FREQUENCY	50/60 HZ. +/- 0.05%			50/60 HZ. +/- 0.05%		
OUTPUT AC WAVEFORM	TRUE SINE WAVE (THD <3%)					
EFFICIENCY @ FULL LOAD	89%	91%	92%	91%	93%	94%
NO LOAD CURRENT DRAW	1.25 AMPS	0.64 AMPS	0.31 AMPS	1.20 AMPS	0.60 AMPS	0.28 AMPS
POWERSAVER CURRENT DRAW	0.25 AMPS	0.15 AMPS	0.08 AMPS	0.25 AMPS	0.15 AMPS	0.08 AMPS
LOW BATTERY ALARM	10.7 VDC	21.5 VDC	43.0 VDC	10.7 VDC	21.5 VDC	43.0 VDC
LOW BATTERY SHUTDOWN	<10.5 VOLTS	<21.0 VDC	<42.0 VDC	<10.5 VOLTS	<21.0 VDC	<42.0 VDC
LOW BATTERY RECOVERY	12.5 VDC	25.0 VDC	50.0 VDC	12.5 VDC	25.0 VDC	50.0 VDC
OVER HEATING SHUTDOWN	65 DEGREES CELCIUS / 149 DEGREES FAHRENHEIT					
OVER HEATING AUTO RECOVERY	45 DEGREES CELCIUS / 113 DEGREES FAHRENHEIT					
INPUT OVER VOLTAGE SHUTDOWN	>15.0 VDC	>30.0 VDC	>60.0 VDC	>15.0 VDC	>30.0 VDC	>60.0 VDC
SHORT CIRCUIT PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
OVERLOAD PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
DIMENSIONS	29.5 x 18.0 x 7.2 CM					
WEIGHT	2.7 KGS / 5.4 LBS					
AC OUTLETS	USA			EUROPEAN - UK - AUSTRALIAN		

MODEL	PS-1000-112	PS-1000-124	PS-1000-148	PS-1000-212	PS-1000-224	PS-1000-248
CONTINUOUS AC POWER	1000 WATTS	1000 WATTS	1000 WATTS	1000 WATTS	1000 WATTS	1000 WATTS
CONTINUOUS AC POWER - (3 MINUTES)	1150WATTS	1150WATTS	1150WATTS	1150WATTS	1150WATTS	1150WATTS
SURGE AC POWER	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS
DC INPUT VOLTAGE	10.5 - 15.0 VDC	21.0 - 30.0 VDC	42.0 - 60.0 VDC	10.5 - 15.0 VDC	20.1 - 30.0 VDC	42.0 - 60.0 VDC
OUTPUT AC VOLTAGE	100/110/120 VAC +/- 3%			220/230/240 VAC +/- 3%		
OUTPUT AC FREQUENCY	50/60 HZ. +/- 0.05%			50/60 HZ. +/- 0.05%		
OUTPUT AC WAVEFORM	TRUE SINE WAVE (THD <3%)					
EFFICIENCY @ FULL LOAD	89%	92%	93%	91%	94%	95%
NO LOAD CURRENT DRAW	1.43 AMPS	0.75 AMPS	0.38 AMPS	1.25 AMPS	0.65 AMPS	0.35 AMPS
POWERSAVER CURRENT DRAW	0.25 AMPS	0.15 AMPS	0.09 AMPS	0.25 AMPS	0.15 AMPS	0.09 AMPS
LOW BATTERY ALARM	10.7 VDC	21.5 VDC	43.0 VDC	10.7 VDC	21.5 VDC	43.0 VDC
LOW BATTERY SHUTDOWN	<10.5 VOLTS	<21.0 VDC	<42.0 VDC	<10.5 VOLTS	<21.0 VDC	<42.0 VDC
LOW BATTERY RECOVERY	12.5 VDC	25.0 VDC	50.0 VDC	12.5 VDC	25.0 VDC	50.0 VDC
OVER HEATING SHUTDOWN	65 DEGREES CELCIUS / 149 DEGREES FAHRENHEIT					
OVER HEATING AUTO RECOVERY	45 DEGREES CELCIUS / 113 DEGREES FAHRENHEIT					
INPUT OVER VOLTAGE SHUTDOWN	>15.0 VDC	>30.0 VDC	>60.0 VDC	>15.0 VDC	>30.0 VDC	>60.0 VDC
SHORT CIRCUIT PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
OVERLOAD PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
DIMENSIONS	38.3 x 18.2 x 8.8 CM					
WEIGHT	4.0 KGS / 8.8 LBS					
AC OUTLETS	USA			EUROPEAN - UK - AUSTRALIAN		

MODEL	PS-1500-112	PS-1500-124	PS-1500-148	PS-1500-212	PS-1500-224	PS-1500-248
CONTINUOUS AC POWER	1500 WATTS	1500 WATTS	1500 WATTS	1500 WATTS	1500 WATTS	1500 WATTS
CONTINUOUS AC POWER - (3 MINUTES)	1750 WATTS	1750 WATTS	1750 WATTS	1750 WATTS	1750 WATTS	1750 WATTS
SURGE AC POWER	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS
DC INPUT VOLTAGE	10.0 - 16.0 VDC	20.0 - 32.0 VDC	42.0 62.0 VDC	10.0 - 16.0 VDC	42.0 62.0 VDC	42.0 - 60.0 VDC
OUTPUT AC VOLTAGE	100/110/120 VAC +/- 4%			220/230/240 VAC +/- VAC		
OUTPUT AC FREQUENCY	50/60 HZ. +/- 0.05%			50/60 HZ. +/- 0.05%		
OUTPUT AC WAVEFORM	TRUE SINE WAVE (THD <3%)					
EFFICIENCY @ FULL LOAD	88%	91%	92%	90%	93%	94%
NO LOAD CURRENT DRAW	<1.45 AMPS	<0.75 AMPS	<0.40 AMPS	<1.40 AMPS	<0.70 AMPS	<0.40 AMPS
POWERSAVER CURRENT DRAW	0.28 AMPS	0.15 AMPS	0.09 AMPS	0.28 AMPS	0.15 AMPS	0.09 AMPS
LOW BATTERY ALARM	10.8 VDC	21.6 VDC	43.2 VDC	10.8 VDC	21.6 VDC	43.2 VDC
LOW BATTERY SHUTDOWN	10.0 VDC	20.0 VDC	40.0 VDC	10.0 VDC	20.0 VDC	40.0 VDC
LOW BATTERY AUTOMATIC RECOVERY	12.5 VDC	25.0 VDC	50.0 VDC	12.5 VDC	25.0 VDC	50.0 VDC
OVER HEATING SHUTDOWN	85 DEGREES CELCIUS / 185 DEGREES CELCIUS					
OVER HEATING AUTO RECOVERY	45 DEGREES CELCIUS / 113 DEGREES FAHRENHEIT					
INPUT OVER VOLTAGE SHUTDOWN	>16.0 VDC	>32.0 VDC	>62.0 VDC	>16.0 VDC	>32.0 VDC	>62.0 VDC
SHORT CIRCUIT PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
OVERLOAD PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
REOMTE CONTROL	YES RMS 232 INTERFACE					
DIMENSIONS	41.5 x 19.1 x 8.8 CM / 16.34 x 7.52 x 3.46 INCHES					
WEIGHT	4.8 KGS / 10.56 LBS					
AC OUTLETS	USA			EUROPEAN - UK - AUSTRALIAN		

Specifications subject to change without notice.



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# Specifications

MODEL	PS-2000-112	PS-2000-124	PS-2000-148	PS-2000-212	PS-2000-224	PS-2000-248
CONTINUOUS AC POWER	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS	2000 WATTS
CONTINUOUS AC POWER - (3 MINUTES)	2300 WATTS	2300 WATTS	2300 WATTS	2300 WATTS	2300 WATTS	2300 WATTS
SURGE AC POWER	4000 WATTS	4000 WATTS	4000 WATTS	4000 WATTS	4000 WATTS	4000 WATTS
DC INPUT VOLTAGE	10.0 - 16.0 VDC	20.0 - 32.0 VDC	42.0 62.0 VDC	10.0 - 16.0 VDC	42.0 62.0 VDC	42.0 - 60.0 VDC
OUTPUT AC VOLTAGE	100/110/120 VAC +/- 3%			220/230/240 VAC +/- 3% VAC		
OUTPUT AC FREQUENCY	50/60 HZ. +/- 0.05%			50/60 HZ. +/- 0.05%		
OUTPUT AC WAVEFORM	TRUE SINE WAVE (THD <3%)					
EFFICIENCY @ FULL LOAD	89%	92%	93%	91%	94%	95%
NO LOAD CURRENT DRAW	2.8 AMPS	1.5 AMPS	0.7 AMPS	2.8 AMPS	1.5 AMPS	0.7 AMPS
POWERSAVER CURRENT DRAW	0.5 AMPS	0.3 AMPS	0.16 AMPS	0.5 AMPS	0.25 AMPS	0.12 AMPS
LOW BATTERY ALARM	10.8 VDC	21.6 VDC	43.2 VDC	10.8 VDC	21.6 VDC	43.2 VDC
LOW BATTERY SHUTDOWN	10.0 VDC	20.0 VDC	40.0 VDC	10.0 VDC	20.0 VDC	40.0 VDC
LOW BATTERY AUTOMATIC RECOVERY	12.5 VDC	25.0 VDC	50.0 VDC	12.5 VDC	25.0 VDC	50.0 VDC
OVER HEATING SHUTDOWN	85 DEGREES CELCIUS / 185 DEGREES CELCIUS					
OVER HEATING AUTO RECOVERY	45 DEGREES CELCIUS / 113 DEGREES FAHRENHEIT					
INPUT OVER VOLTAGE SHUTDOWN	>16.0 VDC	>32.0 VDC	>62.0 VDC	>16.0 VDC	>32.0 VDC	>62.0 VDC
SHORT CIRCUIT PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
OVERLOAD PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
REOMTE CONTROL	PS-R6 / PS-R7 / PS-R8					
DIMENSIONS	42.2 x 20.8 x 16.0 CM / 16.6 x 8.18 x 6.30 INCHES					
WEIGHT	9 KGS / 19.8 LBS					
AC OUTLETS	USA			EUROPEAN - AUSTRALIAN - UK		

MODEL	PS2-3000-112	PS2-3000-124	PS2-3000-148	PS2-3000-212	PS2-3000-224	PS2-3000-248
CONTINUOUS AC POWER	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS	3000 WATTS
SURGE AC POWER	6000 WATTS	6000 WATTS	6000 WATTS	6000 WATTS	6000 WATTS	6000 WATTS
DC INPUT VOLTAGE	10.5 - 15.0 VDC	21.0 - 30.0 VDC	42.0 - 60.0 VDC	10.5 - 15.0 VDC	21.0 - 30.0 VDC	42.0 - 60.0 VDC
OUTPUT AC VOLTAGE	100/110/120 VAC +/- 3%			220/230/240 VAC +/- 3%		
OUTPUT AC FREQUENCY	50/60 HZ. +/- 0.05%					
OUTPUT AC WAVEFORM	TRUE SINE WAVE (THD <3%)					
EFFICIENCY @ FULL LOAD	88%	91%	92%	90%	93%	94%
NO LOAD CURRENT DRAW	2.8 AMPS	1.5 AMPS	0.7 AMPS	2.8 AMPS	1.5 AMPS	0.7 AMPS
STANDBY CURRENT DRAW	0.55 AMPS	0.35 AMPS	0.19 AMPS	0.55 AMPS	0.35 AMPS	0.19 AMPS
LOW BATTERY ALARM	11.0 VDC	22.0 VDC	44.0 VDC	11.0 VDC	22.0 VDC	44.0 VDC
LOW BATTERY SHUTDOWN	10.5 VDC	21.0 VDC	42.0 VDC	10.5 VDC	21.0 VDC	42.0 VDC
LOW BATTERY AUTO RECOVERY	12.5 VDC	25.0 VDC	50.0 VDC	12.5 VDC	25.0 VDC	50.0 VDC
OVER HEATING SHUTDOWN	AUTOMATIC SHUTDOWN @ 70 DEG. CELCIUS/158 DEG. FAHRENHEIT					
OVER HEATING AUTO RECOVERY	AUTOMATIC RECOVERY @ 45 DEG. CELCIUS/113 DEG. FAHRENHEIT					
INPUT OVER VOLTAGE SHUTDOWN	15.3 VDC	30.6 VDC	61.2 VDC	15.3 VDC	30.6 VDC	61.2 VDC
SHORT CIRCUIT PROTECTION	YES					
OVERLOAD PROTECTION	AUTOMATIC SHUTDOWN. MANUAL RESTART					
REVERSE POLARITY PROTECTION	FUSE PROTECTED					
DIMENSIONS	45.2 x 20.8 x 16.6 CM / 17.8 x 8.18 x 6.53 INCHES					
WEIGHT	9.8 KGS. / 22 LBS.					
AC OUTLETS	EUROPEAN SCHUKO - AUSTRALIAN - UNITED KINGDOM - USA					
REMOTE CONTROL	PS-R6. PS-R7. PS-R8					

PureSine II 700



PureSine II 1000



PureSine II 1500



PureSine II 2000



PureSine II 2000

