DRAKE SVO

SPECIAL VEHICLE OPERATIONS

DATASHEET

Kisae 1000W Pure Sine Wave Inverter with Transfer Switch - SWXFR1210

Model SWXFR1210I-EU

SUPPLIED AND SUPPORTED BY

Drake SVO

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Power Inverters - True Sinewave

Premium Output To Run Your Loads

All modern electronics are designed to run on electricity using a True (Pure) sine waveform, the most reliable waveform available. It is the same waveform the utility company supplies to your home and business. This waveform appears graphically as a smooth wave with peaks and valleys. KISAE True sinewave inverters provide power with very low harmonic distortion, noise or excess heat. These inverters are the preferred choice for powering “sensitive loads” like onboard electronics and demanding motor loads. Some appliances also require a True sinewave to run properly. These include: digital clocks, light dimmers, variable speed motors, flat screen TVs, video game consoles, battery chargers and audio/visual equipment. Because of their advanced features and benefits, True sinewave inverters represent a premium purchase choice.



KISAE TECHNOLOGY

Power Inverters

True Sine Wave Output with Transfer Switch - SWXFR Series

Regulatory Approved

Commercial / Residential / Leisure Use



	120 VAC Series			230 VAC Series		
SWXFR Series	SWXFR 1210	SWXFR 1220	SWXFR 1230	SWXFR 1210i	SWXFR 1220i	SWXFR 1230i
AC Output						
Power (Continuous)	1000W	2000W	3000W	1000W	2000W	3000W
Power (Peak)	2000W	4000W	6000W	2000W	4000W	6000W
Voltage/Frequency	120VAC / 60 Hz	120VAC / 60 Hz	120VAC / 60 Hz	230VAC / 50 Hz	230VAC / 50 Hz	230VAC / 50 Hz
Current	8.3A	16.6A	25.0A	4.3A	8.7A	13.0A
Waveform	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)
Peak Efficiency	90%	90%	90%	90%	90%	90%
AC Receptacle	NEMA 5-15 GFCI	NEMA 5-20 GFCI	NEMA 5-20	Euro, Australia, UK	Euro, Australia, UK	Euro, Australia, UK
DC Output						
5V USB Output	2.1A	2.1A	2.1A	2.1A	2.1A	2.1A
DC Input						
Voltage (nominal)	12.5 Vdc	12.5 Vdc	12.5 Vdc	12.5 Vdc	12.5 Vdc	12.5 Vdc
Operation Range	10.5 - 15.5Vdc	10.5 - 15.5Vdc	10.5 - 15.5Vdc	10.5 - 15.5Vdc	10.5 - 15.5Vdcs	10.5 - 15.5Vdcs
Current (no load)	< 1.5A	< 1.5A	< 1.5A	< 1.5A	< 1.5A	< 1.5A
AC Transfer Switch						
Transfer Time	< 30ms	< 30ms	< 30ms	< 30ms	< 30ms	< 30ms
Transfer Relay Rating	30A	30A	30A	16A	16A	16A
Display Panel						
Indicator	Status			Status		
Digital Display (LED)	Input Voltage, Output Power, Warning, Error Code			Input Voltage, Output Power, Warning, Error Code		
Protection						
Input Undervoltage Shutdown	10.5Vdc	10.5Vdc	10.5Vdc	10.5Vdc	10.5Vdc	10.5Vdc
Input Overvoltage Shutdown	15.5Vdc	15.5Vdc	15.5Vdc	15.5Vdc	15.5Vdc	15.5Vdc
Regulatory Compliance						
Markings	cETLus	cETLus	cETLus	CE	CE	CE
Conformance	UL & CSA Standards	UL & CSA Standards	UL & CSA Standards	LVD, EMC	LVD, EMC	LVD, EMC
Enclosure						
Weight	11 lbs.	13.0 lbs.	15.4 lbs.	4.9 Kg	5.8 Kg	6.9 Kg
Dimension	17 x 9 x 4.5"	17 x 9 x 4.5"	21 x 9 x 4.5"	435 x 230 x 115mm	435 x 230 x 115mm	539 x 230 x 115mm



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