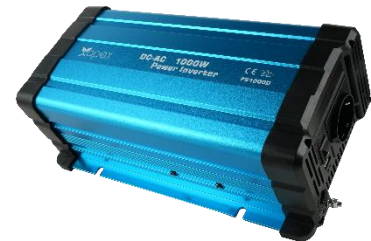


apex FS SERIES 1000W PURE SINE WAVE INVERTER

PRODUCT FEATURES

- Pure Sine Wave Output (THD<3%)
- Input & Output Completely Isolated Desing
- High Efficiency 90-94%
- Capable of Driving Inductive & Capacitive Loads at the Start Moment.
- Two LED Indicator: Power-Grenn, Fault-Red
- 2 Times Surge Power
- Loading and Temperature Controlled the Cooling Fan
- Built in Advanced Microprocessor to Make Friendly Interface With User
- Protecion: Input Low Voltage Alarm & Shutdown, Overload, Short Circuit, Input Over Voltage, Over Temperature, Reverse Polarity
- USB Output Port 5V2.1A
- With Remote Controller Function CR80 or CRD80 Remote Controller With 5m Cable Optional
- LCD Display Function Optional
- 2 Years Quality Warranty, Technical Supporting Whole Life.



PRODUCT APPLICATION



Household Appliance



Marine & RV



Solar System



Office Equipment

SPECIFICATION

Model	FS1000-112	FS1000-124	FS1000-148	FS1000-212	FS1000-224	FS1000-248	
Output	AC Voltage	100/110/120VAC			220/230/240VAC		
	Rated Power	1000W					
	Surge Power	Load 120~150%(3min); 2000W (3sec;resistive)					
	Waveform	Pure Sine Wave (THD<3%)					
	Frequency	50/60Hz ±0.05%					
	AC Regulation	±5%			±10%		
	Power Factor Allowed	COSθ-90°~COSθ+90°					
	Standard Receptacles	USA/British/Franch/Schuko /UK/Australia/Universal Etc. Optional					
	LED Indicator	Green For Power On, Red For Faulty Status					
	USB Port	5V 2.1A	5V 2.1A	----	5V 2.1A	5V 2.1A	----
	LCD Display	Voltage, Power, Protection Status (Optional)					
	Remote Control Function	Default					
Remote Controller	CR80/CRD80 Optional						
Input	No Load Current Draw	≤0.80A	≤0.70A	≤0.70A	≤0.80A	≤0.70A	
	DC Voltage	12V	24V	48V	12V	24V	48V
	Voltage Range	10.5~15VDC	21~30VDC	42~60VDC	10.5~15VDC	21~30VDC	42~60VDC
	Efficiency(Typ.)	89%~93%					
	Fuse	40Ax2	20Ax2	10Ax2	40Ax2	20Ax2	10Ax2
Protection	Remote Control	Fonction (Optional)					
	BAT. Low Alarm	10.5±0.5VDC	21±1.0VDC	42±2.0VDC	10.5±0.5VDC	21±1.0VDC	42±2.0VDC
	BAT. Low Shutdown	10±0.5VDC	20±1.0VDC	40±2.0VDC	10±0.5VDC	20±1.0VDC	40±2.0VDC
	Over Load	Shut Down Output Voltage , Restart To Recover					
	Over Voltage	15.5±0.5VDC	31±1.0VDC	62±2.0VDC	15.5±0.5VDC	31±1.0VDC	62±2.0VDC
	Over Temperature	Shut Down Output Voltage , Recover Automatically After Temperature Goes Down					
	Output Short	Shut Down Output Voltage , Restart To Recover					
	DC Input Revere Polarity	By Fuse					
	Earth Fault	Shut Off O/P When The Load Has Electrical Leakage					
	Sorf Start	Yes, 3-5 Seconds					
Environment	Working Temp.	0~+50°C					
	Working Humidity	20~90%RH non-condensing					
	Storage Temp.&Humidity	-30~+70°C,10~95%RH					
Safety & EMC	Safety Standards	Certified UL 458(only for "GFCI" receptacles)		Certified EN 60950-1; 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013.			
	Isolation Resistance	I/P-O/P: 100 M Ohms/500VDC					
	EMI Conduction & Radiation	Certified FCC class A		Certified EN 62040-2:2006,EN61000-3-2; EN61000-3-3;			
	EMS Immunity	----		Certified IEC61000-4-3, IEC61000-4-6			
	E-MARK	Certified ECE RIO.05:2014					
	Dimension(LxWxH)	313.5x173.6x103.1mm					
Others	Packing	2.9kg;4pcs/12.8kg;0.042m3					
	Cooling	Load control fan or by thermal control fan					
	Application	Home and Office appliances,Portable Power Equipment,Vehicle,Yacht and Off-Gid Solar power systems...etc.					



MERKEZ

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