

Technical Parameters

MODEL		FS1000-1-12	FS1000-1-24	FS1000-1-48	FS1000-2-12	FS1000-2-24	FS1000-2-48
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	≤0.70A
	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5~15VDC	21~30VDC	42~60VDC	10.5~15VDC	21~30VDC	42~60VDC
	Efficiency(Typ.)	89%~93%					
	Fuse	40A×4	20A×4	10A×4	40A×4	20A×4	10A×4
	Remote Control	Function (optional)					
Protection	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 Reverse Polarity	By fuse					
	Earth Fault	Shut off o/p when the load has electrical leakage					
Environment	Soft Start	Yes, 3-5 Seconds					
	Working Temp.	0~+50°C					
	Working Humidity	20~90%RH non-condensing					
Safety & EMC	Storage Temp.&Humidity	-30~+70°C,10~95%RH					
	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:100M 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		
Others	E-MARK	-----			Certified ECE RIO.05:2014		
	Dimension(L×W×H)	313.5×173.6×103.1mm					
	Packing	2.9kg;4pcs/12.8kg/0.042m³					
	Cooling	Load control fan or by thermal control fan					
Application	Application	Home and Office appliances,Portable Power Equipment,Vehicle,Yacht and Off-Gid Solar power systems...etc.					

Technical Parameters

MODEL		FS2000-1 12	FS2000-1 24	FS2000-1 48	FS2000-21 2	FS2000-22 4	FS2000-24 8
Output	AC Voltage	100/110/120VAC			220/230/240VAC		
	Rated Power	2000W					
	Surge Power	Load 120~150%(3min.);4000W (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	≤1.1A	≤0.80A	≤0.70A	≤1.1A	≤0.80A	≤0.70A
	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5~15V DC	21~30VDC	42~60VDC	10.5~15VDC	21~30VDC	42~60VDC
	Efficiency(Typ.)	89%~93%					
	Fuse	40A×8	20A×8	10A×8	40A×8	20A×8	10A×8
	Remote Control	Function (optional)					
Protection	BAT. Low Alarm	10.5±0.5V DC	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±0.5V DC	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 Reverse Polarity	By fuse					
	Earth Fault	Shut off o/p when the load has electrical leakage					
Soft 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:100M 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		
Others	Dimension(L×W×H)	325.2×281.3×112.7mm					
	Packing	5.5kg;2pcs/11.8kg/0.053m³					
	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.					

Technical Parameters

MODEL		FS3000-112	FS3000-124	FS3000-148	FS3000-212	FS3000-224	FS3000-248
Output	AC Voltage	100/110/120VAC			220/230/240VAC		
	Rated Power	3000W					
	Surge Power	Load 120~150%(3min.);6000W (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	-----	5V2.1A	5V 2.1A	-----
	LCD display	voltage, power, protection status (optional)					
	Remote control function	default					
	Remote controller	CR80/CRD80 optional					
Input	No Load Current Draw	≤1.2A	≤0.80A	≤0.70A	≤1.2A	≤0.80A	≤0.70A
	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5~15VDC	21~30VDC	42~60VDC	10.5~15VDC	21~30VDC	42~60VDC
	Efficiency(Typ.)	89%~93%					
	Fuse	40A×12	20A×12	10A×12	40A×12	20A×12	10A×12
	Remote Control	Function (optional)					
Protection	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 Reverse Polarity	By fuse					
	Earth Fault	Shut off o/p when the load has electrical leakage					
Soft 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:100M 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		
Others	Dimension(L×W×H)	442.2×261.3×112.7mm					
	Packing	8kg;2pcs/17kg/0.07m³					
	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.					

Technical Parameters

MODEL		-----	-----	-----	FS4000-212	FS4000-224	-----
Output	AC Voltage	-----			220/230/240VAC		
	Rated Power	4000W					
	Surge Power	Load 120~150%(3min.);8000W (3sec;resistive)					
	Waveform	Pure Sine Wave(THD<3%)					
	Frequency	50/60Hz ±0.05%					
	AC Regulation	-----	±10%				
	Power Factor Allowed	COS θ -90°~COS θ +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 500mA	5V 500mA	-----
	LCD display	voltage, power, protection status (optional)					
	Remote control function	default					
Remote controller	CR80/CRD80 optional						
Input	No Load Current Draw	-----	-----	-----	≤1.4A	≤1.0A	-----
	DC Voltage	-----	-----	-----	12VDC	24VDC	-----
	Voltage Range	-----	-----	-----	10.5~15VDC	21~30VDC	-----
	Efficiency(Typ.)	89%~93%					
	Fuse	-----	-----	-----	40A×14	20A×14	-----
	Remote Control	Function (optional)					
Protection	BAT. Low Alarm	-----	-----	-----	10.5±0.5VDC	21±1.0VDC	-----
	BAT. Low Shutdown	-----	-----	-----	10±0.5VDC	20±1.0VDC	-----
	Over Load	Shut down output voltage , restart to recover					
	Over Voltage	-----	-----	-----	15.5±0.5VDC	31±1.0VDC	-----
	Over Temperature	Shut down output voltage , recover automatically after temperature goes down					
	Output Short	Shut down output voltage , restart to recover					
	DC Input Reverse Polarity	By fuse					
	Earth Fault	Shut off o/p when the load has electrical leakage					
Soft 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 EN 60950-1; 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013.		
	Isolation Resistance	I/P-O/P:100M Ohms/500VDC					
	EMI Conduction & Radiation	-----			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		
Others	Dimension(L×W×H)	533.2×261.3×112.7mm					
	Packing	8.5kg;2pcs/18kg/0.08m ³					
	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.					