



Intelligence pure sine wave Inverter



Intellectualization communication

1. RS232 communication
2. TCP/IP
3. Dry card for Long-distance alarm



1. Advanced DSP——digital control technology
2. Pure sine wave output
3. LCD+LED display, friendly Human Computer Interaction, can checking working state, load state, environment state any time
4. Input and Output isolated, strong ability for shock from load, surge protect.
5. High efficiency inverter, low waste when no load.
6. Advance outlook
7. With input over/Low voltage protection; output overload, short circuit protection; AC Bypass high voltage and Low voltage
8. Bypass first or Inverter first can be choice by client.
9. suitable for unattended station.



Telecom Power pure sine wave inverter (24V/48V)



EA-1VSB000 series was specially design for telecom, suitable for 48VDC, -48VDC, 24VDC Station. When AC power working normally, the Power will be supplied by AC through STB to the important load, when AC power stop working or working abnormal, it will transfer to Inverter working.

Item		1000VA	2000VA	3000VA	4000VA	5000VA	6000VA
Working mode		Pure Inverter/Line-interactive					
DC IM PUT	Input voltage	24V or 48V			48V		
	Input current	50/26	100/50	150/75	100	125	150
	shut-down voltage	20V-30V or 40V-60V					
	switch on voltage	20V-28V or 40V-57V					
AC IM PUT	load back current	<10%					
	bypass voltage	220V ± 15%					
	Input current	4.5	9.1	13.6	18.2	22.7	27.3
AC OUT PUT	BP transfer time	<5ms					
	Capacity(VA)	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA
	Power(WT)	800WT	1600WT	2400WT	3200WT	3500WT	4300WT
	Output wave	Pure sine wave					
	Output current	3.6	7.2	9.5/10.8	14.5	18	19.1
	Output voltage	220V ± 1.5%					
	Output Frequency	50 ± 0.1%					
	THD	<3%					
	action time	5%					
	Load 0%~100% (PF)	0.7/0.8					
	overload capacity	120% 30s					
	Inverter efficiency	≥88%					
	Working environment	isolation ability	1500Vrms				
Noise (m)		≤40dB					
Temperature		from -25°C to +50°C					
humidity		0-90%					
Working height		<1000m					
Indication	Cooling way	Wind cooling					
	LCD display	Input/output voltage, output frequency, humidity, AC normal, inverter normal, BAT low, overload					
Protection	low/high input voltage, output overload, short circuit, AC high/low voltage protection						
Dimension	2U/1U rack						
Weight	7KG	8KG	11KG	12KG	14KG	16KG	
Out put connection way	socket/terminal			Terminal			



Electricity Power Pure sine wave inverter (110V/220V)



EA-1V5000 series was specially designed for power station, transformer substation and so on, suitable for 110V/220V electricity system, monitor system and so on.

Item	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA	
Working mode		Pure inverter, line-interactive					
DC IN	Input voltage	110 or 220V					
	Input current	115.0	2310.5	33.3/18	44.4/21	55.5/26.2	66.7/31.8
	Output voltage	94V-132V or 190V-270V					
DC OUT	switch-on voltage	107V-127V or 207V-260V					
	load/back current	<10%					
AC IN	System voltage	220V±15%					
	Input current	4.5	9.1	13.5	18.2	22.7	27.3
	BP transfer time	≤1ms					
AC OUT PUT	Capacity(VA)	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA
	Power(W)	800W	1600W	2400W	3200W	3500W	4200W
	Output wave	Pure sine wave					
	Output current	5.6	7.2	8.5/10.8	14.5	18	18.1
	Output voltage	220V±1.5%					
	Output frequency	50±0.1%					
	THD	<3%					
	action time	8%					
	Load 0%~100%	(PF)					
	overload capacity	150% 30s					
	inverter efficiency	>85%					
Working environment	isolation ability	1500v 1min					
	Noise(dB)	<40dB					
	Temperature	nom -20°Cto +50°C					
	humidity	0-90%					
	Working height	≤1000m					
Indication	Cooling way	Wind cooling					
	LCD display	input/output voltage,output frequency, humidity, AC normal/inverter normal,BAT low,overload					
	inverter status	low/high input voltage,output overload,short circuit AC high/low voltage protection					
Protection	UL/IEC rack						
Dimension	UL/IEC rack						
Weight	7KG	8KG	11KG	12KG	14KG	16KG	
Output connection way	socket/terminal			Terminal			