

## TSINV1500/TSINV3K/TSINV5K

### Intelligent Inverter

#### *Intelligence pure sine wave Inverter :*

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,enviroment



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

#### *Intellectualization communication :*

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

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

The Inverter was specially design for telecom,suitable for 48VDC,-48VDC,24VDC Station.

When AC power working normally,the Power will be supplied by AC through STS to the important load,when AC power stop working or working normal, It will transfer to Inverter working.

**Technical Specification:**

Item		TSINV1000VA	TSINV1500	TSINV3KVA	TSINV4KVA	TSINV5KVA	TSINV6KVA
Working mode		Pure inverter/Line-interactive					
DC INPUT	Input voltage	24V or 48V			48V		
	Input current	50/25	100/50	150/75	100	125	150
	shut down voltage	20V-30V or 40V-60V					
	switch on voltage	22V-28V or 46V-57V					
	feed back current	<10%					
AC INPUT	bypass voltage	220v±15%					
	Input current	4.5	9.1	13.6	18.2	22.7	27.3
	BP transfer time	<5ms					
AC OUTPUT	Capacity(VA)	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA
	Power(WT)	800WT	1600WT	2400WT	3200WT	3500WT	4200WT
	Output wave	Pure sine wave					
	Output current	3.6	7.2	9.5/10.8	14.5	16	19.1
	Output voltage	220V±1.5%					
	Output Frequence	50±0.1%					
	THD	<3%					
	action time						
	Load 0%-100%	5%					
	(PF)	0.7/0.8					
overload capacity	120% 30s						
Inverter efficiency	>85%						
Working	Isolation ability	1500va 1min					
enviromrnt	Noise(1m)	<40DB					

	Temperature	from -25°C to +50°C				
	humidity	0-90%				
	Working height	<1000m				
	Cooling way	Wind cooling				
Indication	LCD display	Input/output voltage,output frequence ,humidity,				
	Inverter statues	AC normal,inverter normal,BAT low,overload				
Protection		low/high input voltage,output overload,short circuit AC high/low voltage protection				
Dimension		2U/19' rack				
Weight		7KG	8KG	11KG	12KG	14KG 16KG
Out put connection way		socket/terminal		Terminal		