

# DC TO AC POWER INVERTER

## MODIFY SINE WAVE 230V DC AC

### Microprocessor Controlled

- Make work smart and accurately. Converts 12-volt/24-volt DC to 230-volt AC power.
- Initial checking: Auto-detecting wrong battery cont. such as 12/24V.

### Unique Protective Design

- Unique soft start to protect output short circuit.
- Low battery/Over-load/Over-heat: Shut-down or pre-alarm function.
- Battery polarity reverses protection by fuse.

### Voltage Isolation

High /Low voltage completely isolation for safety.


### Extra USB Output

Extra 5V USB output for using/ charging mobile phones and other USB devices.



• Accessories (only for TE-1203UB/TE-1403UB)



Model No.	TE-1201UB	TE-1401UB	TE-1203UB	TE-1403UB
Output continuous power	150W		300W	
Output surge power	450W		900W	
No load current draw	< 0.4A	< 0.3A	< 0.6A	< 0.5A
Input voltage	DC12V : 10~15V	DC24V : 20~30V	DC12V : 10~15V	DC24V : 20~30V
Output voltage/ frequency	AC 220~240V, 50Hz Crystal controlled			
USB port output	5VDC (500mA MAX.)			
Output waveform	Modified sine wave 			
Efficiency	> 90%			
Output regulation	± 5% Intelligent AVR			
Auto temperature control fan	By air convection		Yes	
Low battery	< 11V or 22V ± 0.5V/1V Pre-alarm < 10.5V or 20V ± 0.5V/1V Shut down & alarm		< 10.5V or 21V ± 0.5/1.0V Pre-alarm < 10V or 20V ± 0.5V/1.0V Shut down & alarm	
Over heating	> 60°C Pre-alarm, > 65°C Shut down			
Over load	> 150W Pre-alarm, > 160W Shut down & alarm		> 300W Pre-alarm, > 350W Shut down & alarm	
Fuse	15A×1 pcs	10A×1 pcs	35A & 15A×1 pcs	20A & 15A×1 pcs
AC outlet	German "Schuko" type×1 pcs			
Dimension (L×W×H)	113 × 73 × 58 mm		140 × 73 × 58 mm	
Weight	0.45 kg		0.75 kg	

Picture for reference only. Please check with distributor for exact offers. All specifications are subject to change without notice.