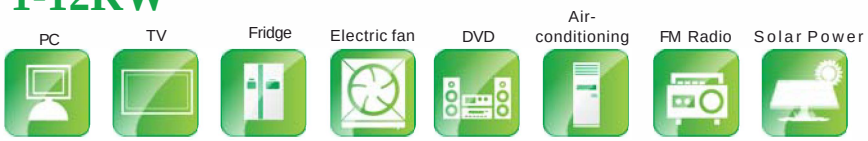
US-8T4896

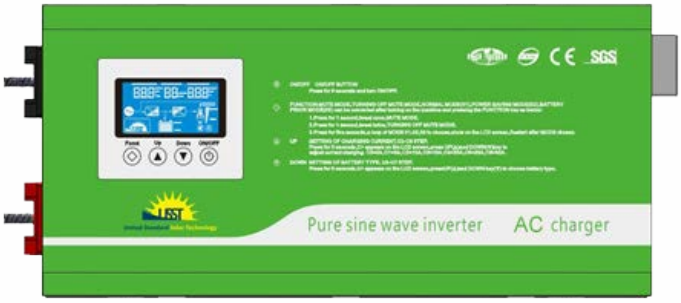
Pure Sine Wave Output Invertor

1-12KW



Key Features:

- Pure sine wave output, color screen display
- The charging current is big up to 85 Amp
- output power factor is 0.9-1
- Output socket optional
- Battery type can be select
- output voltage and frequency can be set
- charge current can adjust
- Battery temperature sense optional
- connect to generator restart function
- well accept generator's output
- Full automatical and silent operation
- Automatically transfer between battery and line modes
- Microprocessor control guarantees high reliability
- Remote control function
- Three-steps intelligent charging control to recharging time
- Bypass function



Full protection:

Protection for low battery voltage , over load , output short circuit and over- temperature restrain surge interference, eliminate noise, protection for thunder striking, provide the reliable power to the home appliances.

Applications:

Supply the reliable long back up time power for the home appliances and office appliances and solar power systems etc.

Function Description:

Q Battery Negative
R) Battery Positive
(B Port Remote
@ D C Fan
@RS232
4) DIP Switch
@ Mode ON/OFF

Ç Auto Gen Start
0 Battery Temp Sensor
8 Output
43 Charger Input Protect
41 Inverter Output Protect
4D Input/output Terminal

DIP Switch No.	Function Setting	ON	OFF
SW1	Batt Low S.D Point	10.5Vdc	10.0Vdc
SW2	I/P V Range	154-264Vac	184-253Vac
SW3	Mode Selection:	Battery Mode Priority	Utility Mode Priority

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US-8T 4896 Technical Specifications

MODEL	US-8T 4896 8KW Pure Sine wave Output Invertor
	8 K
Input Wave form	Sine wave (utility or generator)
Nominal Voltage	230Vac (120Vac optional)
Low voltage trip	90v ±4% & 184v/154v ±4%
Low voltage re engage	100v ±4% & 194v/164v±4%
High voltage trip	140v ±4% & 253v ±4%
High voltage re engage	135v ±4% & 243v±4%
Nominal Input Frequency	50Hz/ 60Hz (auto detection)
Frequency range	47Hz~65Hz
Output Wave form	(Bypass mode)same as input
Efficiency on line transfer mode	⩾95%+
Line transfer time	10ms Typical
Bypass without battery connected	Yes
Inverter specification/output	
Output wave form	Pure sine wave
Output continuous power watts	**8000**
Output continuous power VA	**8000**
Power factor	0.9-1.0
Nominal Output Voltage rms	230Vac (120Vac optional)
Output Voltage regulation	+/- 10%rms
Output frequency	50Hz ± 0.3Hz or 60Hz ± 0.3Hz
Safety Certification	>88%
Surge ratings	**24000**
Short circuit protection	Yes,fault after 1 secs
Inverter specification/input	
Nominal input voltage	96V
Minimum start voltage	80V
Low battery alarm	84V
Low battery trip	80V
High voltage alarm	128V
Power saver	
Charger mode specification	
Output voltage	Dependent on battery type
Charge current	0-85A MAX
Battery initial voltage for start up	0-15.7v for 12v(*2 for 24v;*4 for 48v;*8 for 96v)
Over charge protection shutdown	15.7v for 12v(*2 for 24v;*4 for 48v;*8 for 96v)
Charger curves(4stage constant	curren)battery types
4 step digital controlled progressive charge	
Battery type	Fast V Fast V(*2 for 24v;*4 for 48v)
Gel U.S.A	14.0 13.7
A.G.M. 1	14.1 13.4
A.G.M. 2	14.6 13.7
Sealed lead acid	14.4 13.6
Gel euro	14.4 13.8
Open lead acid	14.8 13.3
Calcium	15.1 13.6
De-sulphation	15.5 for 4 hrs
Remote control/RS232/USB	Yes. Optional

STANDARD: Conform to GB/IEC regulation EMC:GB7
: 260.2/IEC62040-2 GB/17626.2～5/IEC61000-4-2～5 SAFETY:GB4943

Note: Product specifications are subject to change without further notice.

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