

# US-1T122448

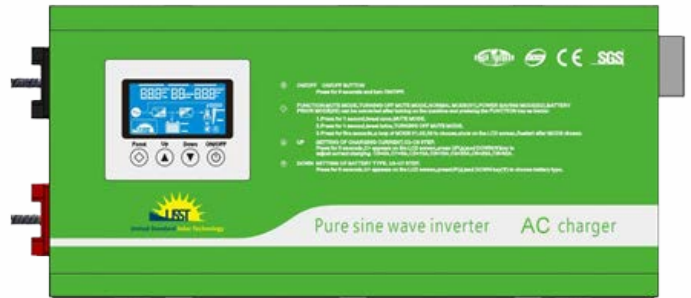
## Pure Sine Wave Output Invertor

### 3/34MY "



### ?Ym: YUhi fYg

; Di fY'g]bY'k Uj Y'ci hdi hZ Vw'cf'gVWYb'X]gd'Um  
 ; H\Y V\Uf[ ]b[ 'W'ffYbh]g V[ 'i d' t'c' ) '5a d'  
 ; ci hdi h dck Yf ZM'cf'g '\$'-%  
 ; 'Ci hdi hgcW'Yhcd]hcbU'  
 ; '6UHYfm]hdY' VUb' W' gY'YVh  
 ; ci hdi hj c'fU[ Y' UbX' Z'YeI YbVh]VUb' W' gYh  
 ; V\Uf[ Y' W'ffYbh]VUb' UX' g h  
 ; '6UHYfm]hYa dYfUhi fY'gYbgY' cd]hcbU'  
 ; Vw'bbY'Wh'c' [ YbYfU'cf' fYghUfhZ bV]hcb'  
 ; k Y' 'UWY'ch] [ YbYfU'cf'f] ci hdi h  
 ; : ' 'U' hca U]h]V' UbX' g] YbhcdYfU]hcb'  
 ; 5i hca U]h]V' m]fUbgZ'f VYk Yyb' VUHYfm]UbX' ]bY' a cXYg  
 ; 'A]M'cd'f'W'gg'cf' Vw'bf'c' [ i UfUb]hYg' \ [ \ 'fY' ]U] ]m  
 ; 'F Ya ch' Vw'bf'c' Z' bV]hcb'  
 ; H\Y'Y'!ghYdg ]bY' [ YbhV\Uf[ ]b[ 'Vw'bf'c' 'h' fYV\Uf[ ]b[ 'h]a Y'  
 ; '6nalUgg' Z' bV]hcb'



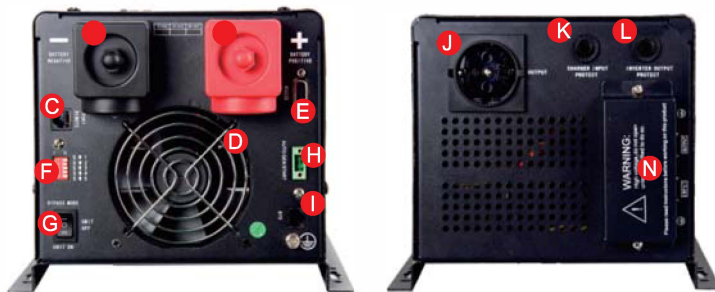
### : i ' 'dfchYV]hcb.

DfchYV]hcb' Z'f'ck' VUHYfm]j c'fU[ Y' Z' c] Yf'cUX' Z' ci hdi hg\cfhV]V]h]UbX'  
 c] Yf' hYa dYfUhi fY' fYghU]b] gi f[ Y' ]bYfZ'fYbWZ' Y'ja ]bUf'bc]gYz' dfchYV]hcb'  
 Z'f'h'i bXYf'gh] ]b[ Z' d'fc] ]XY'hY' fY' ]U]Y' dck Yf' h'c' h'Y' \ca Y' Udd' ]UbWg'

### 5dd' ]V]h]cbg.

Gi dd'mhY' fY' ]U]Y' 'cb[ 'VUW' i d' h]a Y' dck Yf' Z'f'h'Y' \ca Y' Udd' ]UbWg'  
 UbX' cZ]W' Udd' ]UbWg' UbX' gc' Uf' dck Yf' gng]hYa g' Y'VW

### : i bV]h]cb' 8YgV]h]cb.



- E' : 6UHYfmBY[ U]h] Y'
  - Ł : 6UHYfmDcg]h] Y'
  - f6 : DcfhF Ya chY'
  - 4 8 7 : Ub'
  - 4 F G & ' &'
  - ( Ł 8 -Đ Gk ]hW'
  - 4 ' A cXY' CB#C : : '
- ë / 5i h'c' ; Yb' GHUfh
  - 2' : 6UHYfmHYa d' GYbgcf'
  - : ' Ci hdi h
  - 65' : \Uf[ Yf' -bdi hDfchYV]h
  - 63' : b] YfYf' C i hdi hDfchYV]h
  - 6F' : -bdi h'ci hdi hHYfa ]bU'

8-Đ' Gk ]hW' Bc''	: i bV]h]cb' GY]h]b[ '	CB'	C: : '
GK %	6U]h'c'k 'G'8' Dc]h	%\$' J XW	%\$' \$J XW
GK &	#Đ' J ' F Ub[ Y'	% ( !& ( J UW	% ( !& ' J UW
GK ' '	A cXY' GY'V]h]cb.'	6UHYfm]A cXY' Df]c]f]m	I ]h]m]A cXY' Df]c]f]m

## US-1T 1224 Technical Specifications

MODEL	US-1T 1224 1KW Pure Sine wave Output Invertor	
	<b>1 K</b>	
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	
<b>Inverter specification/output</b>		
Output wave form	Pure sine wave	
Output continuous power watts	<b>1000</b>	
Output continuous power VA	<b>1000</b>	
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	<b>3000</b>	
Short circuit protection	Yes,fault after 1 secs	
<b>Inverter specification/input</b>		
Nominal input voltage	12V/24V/48V	
Minimum start voltage	10V/20V/40V	
Low battery alarm	10.5V/21V/42V	
Low battery trip	10V/20V/40V	
High voltage alarm	16V/32V/64V	
Power saver	Same switched on/off on remote	
<b>Charger mode specification</b>		
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.