US-3T122436

Pure Sine Wave Output Invertor

3/34MY "













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US-3T 122436 Technical Specifications

Sine wave (utility or generator)		US-3T 122436 3KW Pure Sine wave Output Invertor		
Nominal Voltage	MODEL	3 K		
Low voltage trip		Sine wave (utility or generator)		
Low voltage re engage	Nominal Voltage	230Vac (120Vac optional)		
High voltage reingage	Low voltage trip	90v ±4% & 184v/154v ±4%		
High voltage re engage	Low voltage re engage	100v ±4% & 194v/164v±4%		
Nominal Input Frequency	High voltage trip	140v ±4% & 253v ±4%		
Nominal Input Frequency	High voltage re engage	135v ±4% & 243v±4%		
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 Pure sine wave Output continuous power watts 3000 Output continuous power VA 3000 Power factor 0.9-1.0 Nominal Output Voltage rms 230Vac (120Vac optional) Output frequency 50Hz ± 0.3Hz or 60Hz ± 0.3Hz Safety Certification >88% Surge ratings 9000 Short circuit protection Yes,fault after 1 secs Inverter specification/input 10V/20V/40V Nominal input voltage 12V/24V/48V Minimum start voltage 10V/20V/40V Low battery alarm 10S/22V/4V/48V High voltage alarm 16V/32V/64V Power saver Same switched on/off on remote 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) Charge curres (4stage constant curren) battery types 15.7v for 12v(*2 for 24v;*4 for 48		50Hz/ 60Hz (auto detection)		
Efficiency on line transfer mode S 95% + 10ms Typical Sypass without battery connected Yes	Frequency range	, ,		
Line transfer time	Output Wave form	(Bypass mode)same as input		
Line transfer time	Efficiency on line transfer mode	≥ 95%+		
Newter specification/output		10ms Typical		
Newter specification/output	Bypass without battery connected	Yes		
Output wave form Pure sine wave Output continuous power watts 3000 Output continuous power VA 3000 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 900 Short circuit protection Yes, fault after 1 secs Inverter specification/input Ves, fault after 1 secs Inverter specification/input 10.5V/24V/48V Nominal input voltage 12V/24V/48V Minimum start voltage 10.5V/21V/42V 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 Charger mode specification Output voltage 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 p				
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Output Voltage regulation +/- 10%rms Output frequency 50Hz ± 0.3Hz or 60Hz ± 0.3Hz Safety Certification >88% Surge ratings 9000 Short circuit protection Yes, fault after 1 secs Inverter specification/input Nominal input voltage Minimum start 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 Charger mode specification Output voltage Output voltage Dependent on battery type Charger 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	Power factor	0.9-1.0		
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Safety Certification >88% Surge ratings 9000 Short circuit protection Yes,fault after 1 secs Inverter specification/input Inverter specification/input Nominal input voltage 12V/24V/48V Minimum start voltage 10V/20V/40V Low battery trip 10V/20V/40V High voltage alarm 16V/32V/64V Power saver Same switched on/off on remote Charger mode specification Output voltage 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 13.8 Open lead acid 14.8		50Hz ± 0.3Hz or 60Hz ± 0.3Hz		
Surge ratings Short circuit protection Yes,fault after 1 secs	Safety Certification			
Inverter specification/input 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 Charger mode specification Output voltage 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 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 15.5 for 4 hrs		9000		
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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 ourren)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	Charger mode specification			
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Open lead acid 14.8 13.3 Calcium 15.1 13.6 De-sulphation 15.5 for 4 hrs	Gel euro			
Calcium 15.1 13.6 De-sulphation 15.5 for 4 hrs				
De-sulphation 15.5 for 4 hrs				
	De-sulphation			
Nemote control/Nozoz/00b 1es. Optional	Remote control/RS232/USB	Yes. Optional		

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

