

### FEATURES:

# ST SERIES

# ON LINE SINEWAVE UPS

- TRUE ON LINE SINEWAVE OUTPUT
- EMI / RFI FILTER
- WITH POWER FACTOR CORRECTION CIRCUIT
- 50 KHz SMPS DESIGN
- **FULL BRIDGE IGBT INVERTER**
- **ELECTRONIC OUTPUT SHORT CIRCUIT PROTECTION**
- HIGH EFFICIENCY
- HIGH RELIABILITY
- WIDE INPUT VOLTAGE RANGE
- **EXPANDABLE BACK UP TIME**
- **AUDIBLE AND VISUAL INDICATOR**
- COMMUNICATE WITH MOST LAN SYSTEM AND STAND ALONE PC, AUTO SAVE AND AUTO SHUTDOWN
- AUTO RESTART
- COMPACT SIZE
- EASY TO INSTALL

# OFF LINE SINEWAVE UPS

- CONTINUOUS SINEWAVE OUTPUT
- HIGH EFFICIENCY
- **HIGH RELIABILITY**
- **BUILD IN AVR**
- EMI / RFI FILTER
- AUDIBLE AND VISUAL INDICATOR
- COMMUNICATE WITH MOST LAN SYSTEM AND STAND ALONE PC, AUTO SAVE AND AUTO SHUTDOWN
- COMPACT SIZE
  - EASY TO INSTALL



Protect your computers and sensitive equipments from any electrical disturbance.

## FOR ON LINE UPS

ITEM		UNITS	SPECIFICATION				DEMARKS
MODEL			ST531C	ST831C	ST1231C	ST1631C	REMARKS
CAPACITY		VA/W	1000/500	1600/800	2400/1200	3200/1600	
CIN	VOLTAGE	V					
	FREQUENCY	Hz	50 ± 3				
K	PROTECTION	A	5	7	10	15	FUSE
z	VOLTAGE	V	24	48	72	96	
DCI	INTERNAL BATTERY		2 x 12V;7AH	4 x 12V;7AH	6 x 12V;7AH	8 x 12V;7AH	SLA BATTERY
Ω	PROTECTION						
CHG	TOPOLOGY						
Ö	FLOATING VOLTAGE	V	27	54	81	108	
	WAVE FORM						
5	DISTORSION		< 3% THD				LOAD 0 - 100%
OUTPUT	TOPOLOGY		PULSE WIDTH MODULATION (PWM)				
	VOLTAGE	V					
Š	FREQUENCY	Hz					
_	EFFICIENCY	%	> 85				AT FULL LOAD
TRANSFER TIME AC FAIL		ms	0				ON LINE
TRANSFER TIME STS		ms	2 ms INVERTER TO BYPASS				
			ZERO CROSSING BYPASS TO INVERTER				
BACK UP TIME		min		AT NOMINAL LOAD			
BZR	AC INPUT LOW/FAIL		INTERMITTENT SOUND WITH 4 SECONDS INTERVAL				
B	BATTERY LOW		INTERMITTENT SOUND WITH 1 SECOND INTERVAL				
OPERATION TEMPERATURE		°C					
DIMENSION '		mm	395 x 190 x 290 510 x 190 x 330			DxWxH	
WEIGHT		Kg	18	23	31	35	GROSS

## EOD OEE LINE LIDS

ITEM MODEL		T IN ITEMS	SPECIF	REMARKS	
		UNITS	ST623B	ST1023B	REMARKS
CAPACITY		VA/W	1200/600 2000/1000		
AC IN	VOLTAGE	V	160 - 250		
	FREQUENCY	Hz	50		
	PROTECTION	A	6,3	10	FUSE
DC IN	VOLTAGE	V	24V	36V	
	INTERNAL BATTERY		2 x 12V; 7AH	3 x 12V; 7AH	SLA BATTERY
	PROTECTION		FUSE		
CHG	TOPOLOGY		CONSTANT VOLTAGE		
	FLOATING VOLTAGE	V	27	40,5	
INV. OUTPUT	WAVE FORM		SINE	-	
	DISTORSION		< 39	LOAD 0 - 100%	
	TOPOLOGY		PULSE WIDTH MO		
	VOLTAGE	V	220		
	FREQUENCY	Hz	50 ± 1%		
	EFFICIENCY	%	± 80		AT FULL LOAD
TRANSFER TIME		ms	4		
BACK UP TIME		min		AT NOMINAL LOAD	
BZR	AC INPUT LOW/FAIL		INTERMITTENT SOUND WITH 4 SECONDS INTERVAL		
	AC INPUT HIGH .		INTERMITTENT SOUND WITH 1 SECOND INTERVAL		
	BATTERY LOW		INTERMITTENT SOUND		
OPERATION TEMPERATURE		°C	0		
DIMENSION .		mm	425 x 140 x 200	505 x 140 x 200	DxWxH
W	EIGHT	Ke	14	18	GROSS









CONTACT PERSON