

ICA[®] Uninterruptible Power Supply



The Best Solution For Power System

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.

Technical Specification

FOR ON LINE UPS

ITEM		UNITS	SPECIFICATION				REMARKS
MODEL			ST531C	ST831C	ST1231C	ST1631C	
CAPACITY		VA/W	1000/500	1600/800	2400/1200	3200/1600	
A C I N	VOLTAGE	V	160 – 250				
	FREQUENCY	Hz	50 ± 3				
	PROTECTION	A	5	7	10	15	FUSE
D C I N	VOLTAGE	V	24	48	72	96	
	INTERNAL BATTERY		2 x 12V;7AH	4 x 12V;7AH	6 x 12V;7AH	8 x 12V;7AH	SLA BATTERY
	PROTECTION		FUSE				
C H G	TOPOLOGY		SWITCHING REGULATION				
	FLOATING VOLTAGE	V	27.2	54.4	81.6	108.8	
I N V	WAVE FORM		SINEWAVE				
	DISTORSION		< 3% THD				LOAD 0 – 100%
	TOPOLOGY		PULSE WIDTH MODULATION (PWM)				
O U T	VOLTAGE	V	220 ± 2%				
	FREQUENCY	Hz	50 ± 1%				
	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	10				AT NOMINAL LOAD
B Z R	AC INPUT LOW/FAIL		INTERMITTENT SOUND WITH 4 SECONDS INTERVAL				
	BATTERY LOW		INTERMITTENT SOUND WITH 1 SECOND INTERVAL				
OPERATION TEMPERATURE		°C	1 – 40				
DIMENSION		mm	395 x 190 x 290		510 x 190 x 330		D x W x H
WEIGHT		Kg	14.5	19.5	28	33	

FOR OFF LINE UPS

ITEM		UNITS	SPECIFICATION		REMARKS
MODEL			ST623B	ST1023B	
CAPACITY		VA/W	1200/600	2000/1000	
A C I N	VOLTAGE	V	160 – 250		
	FREQUENCY	Hz	50 ± 3		
	PROTECTION	A	6,3	10	FUSE
D C I N	VOLTAGE	V	24V	36V	
	INTERNAL BATTERY		2 x 12V; 7AH	3 x 12V; 7AH	SLA BATTERY
	PROTECTION		FUSE		
C H G	TOPOLOGY		CONSTANT VOLTAGE		
	FLOATING VOLTAGE	V	27,2	40,8	
I N V	WAVE FORM		SINEWAVE		
	DISTORSION		< 3% THD		LOAD 0 – 100%
	TOPOLOGY		PULSE WIDTH MODULATION (PWM)		
O U T	VOLTAGE	V	220 ± 2%		
	FREQUENCY	Hz	50 ± 1%		
	EFFICIENCY	%	± 80		AT FULL LOAD
TRANSFER TIME		ms	? 4		
BACK UP TIME		min	10		AT NOMINAL LOAD
B Z R	AC INPUT LOW/FAIL		INTERMITTENT SOUND WITH 4 SECONDS INTERVAL		
	AC INPUT HIGH		INTERMITTENT SOUND WITH 1 SECOND INTERVAL		
	BATTERY LOW		INTERMITTENT SOUND WITH 1 SECOND INTERVAL		
OPERATION TEMPERATURE		°C	0 – 40		
DIMENSION		mm	425 x 140 x 200	505 x 140 x 200	D x W x H
WEIGHT		Kg	13.2	17.3	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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