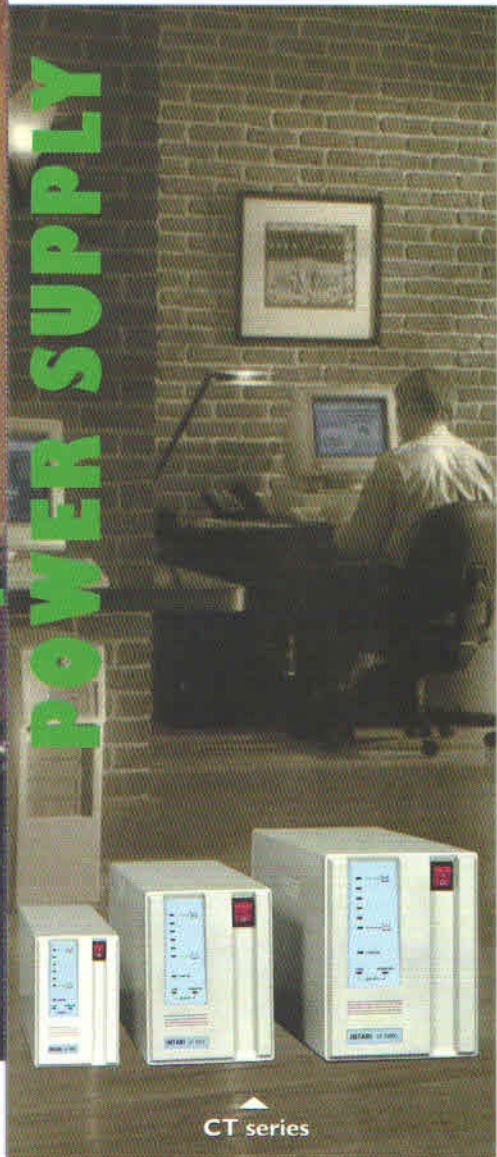


**Uninterruptible  
POWER SUPPLY (UPS)**



### **TP series** *ON LINE SINE WAVE UPS*

- TRUE ON LINE SINWAVE OUTPUT ● EMI / RFI FILTER ● DESIGNED TO OPERATE WITH COMPUTER (NON LINIER LOAD) ● FULL BRIDGE IGBT INVERTER ● CREST FACTOR 3 : 1 ● HI VOLTAGE PWM TECHNOLOGY ● EXPANDABLE BACKUP TIME ● AUDIBLE AND VISUAL INDICATOR ● LCD MONITOR DISPLAY SELECTABLE MONITOR FOR : OUTPUT VOLTAGE, OUTPUT CURRENT, OUTPUT FREQUENCY AND BATTERY VOLTAGE (STANDARD FOR 8 KVA TO 20 KVA UPS - OPTIONAL FOR 600VA TO 6250VA UPS) ● COMMUNICATE WITH MOST LAN SYSTEM AND STAND ALONE PC, AUTO SAVE AND AUTO SHUTDOWN ● COMPACT SIZE ● EASY TO INSTALL ● HIGH RELIABILITY ● HIGH EFFICIENCY ● MANAGEMENT SOFTWARE

### **ST series** *ON LINE SINE WAVE UPS*

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

### **CT series** *LINE INTERACTIVE UPS*

- SYNTHESIZED SINE WAVE (STEP WAVE) ● EMI / RFI FILTER ● BUILD IN AVR ● SHORT CIRCUIT & OVER LOAD PROTECTION ● AUDIBLE AND VISUAL INDICATOR ● COMMUNICATE WITH MOST LAN SYSTEM AND STAND ALONE PC, AUTO SAVE AND AUTO SHUTDOWN ● COMPACT SIZE ● EASY TO INSTALL ● HIGH RELIABILITY ● HIGH EFFICIENCY ● MANAGEMENT SOFTWARE

**INTARI®**

THE BEST SOLUTION FOR POWER SYSTEM

## TECHNICAL SPECIFICATION FOR TP SERIES

ITEM		UNIT	SPECIFICATION							REMARKS
Model			TP 3750C/CM	TP 6250C/CM	SIN 8000 C/1 SIN 8000 C/3	SIN 10000 C/1 SIN 10000 C/3	SIN 15000 C/1 SIN 15000 C/3	SIN 20000 C/1 SIN 20000 C/3		
Capacity		VA/W	5000/3250	8000/5200	10000/6500	12500/8125	18000/11700	25000/16250		
AC INPUT	Voltage	V	240 +10/-20%							
	Frequency	Hz	50 ± 5%							
	Protection		No Fuse Breaker							
DC INPUT	Voltage	V	192							
	Internal Battery		16 x 12V 7AH	*32 x 12V 7AH	16 x 12V 17AH	16 x 12V 26AH	16 x 12V 26AH	16 x 12V 40AH	SLA Battery *With Battery Bank UB 1612	
	Protection		No Fuse Breaker							
CHG	Topology		Switching Regulation							
	Floating Voltage	V	217.6							
	Wave Form		Sine Wave							
INVERTER	Distortion		< 3% THD							Load From 0-100%
	Topology		Pulse Width Modulation (PWM)							
	Voltage	V	220 ± 2%							
	Frequency	Hz	50							
	Efficiency	%	≥ 85							At Full Load
	Transfer Time When AC Input Loss	ms	0							True on line/Continuous
	Static Transfer Switch	ms	2 ms from Inverter to Bypass, 0 ms Back to Inverter							
Back Up Time	minute	10							Nominal Load	
BUZZER	UPS In Bypass Condition		Intermittent Sound With 30 Seconds Interval							Warning Unit UPS In Bypass Condition AC Input Loss or Less Than 185V
	AC Input Abnormal		Intermittent Sound With 4 Seconds Interval							
	Battery Almost Low		Intermittent Sound With 1 Seconds Interval							
	Battery Low		Continuous Sound							
Operating Temperature	°C	0 - 40								
Dimensions	Cm	63 x 26,5 x 69	*63 x 26,5 x 69 *63 x 26,5 x 69	76,5 x 59,5 x 112			87 x 59,5 x 131,5		D x W x H * Battery Bank UB 1612	
Weights	Kg	110	*206	307	364	383	490	* With Battery Bank UB 1612		

## TECHNICAL SPECIFICATION FOR ST SERIES

ITEM		UNIT	SPECIFICATION				REMARKS
Model			ST 600 C/CM	ST 1000 C/CM	ST 1500 C/CM	ST 2000 C/CM	
Capacity		VA/W	1000/500	1600/800	2400/1200	3200/1600	
AC INPUT	Voltage	V	160 - 260				
	Frequency	Hz	50 ± 5%				
	Protection		5 A	7 A	10 A	15 A	Fuse
DC INPUT	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		FUZE				
CHG	Topology		Switching Regulation				
	Floating Voltage	V	27.2	54.4	81.6	108.8	
	Wave Form		SINE WAVE				
INVERTER	Distorsion		< 3 % THD				Load from 0 - 100%
	Topology		Pulse Width Modulation (PWM)				
	Voltage	V	220 ± 2 %				
	Frequency	Hz	50				
	Efficiency	%	≥ 85				At Full Load
	Transfer Time If Input Failure	ms	0				True On line / continuous
	Transfer Time S.T.S.	ms	2 ms from Inverter to Bypass Zero crossing Bypass to Inverter				
Back Up Time	minute	10				Nominal Load	
BUZZER	AC Input abnormal		Every 4 second				Ac input failure/voltage < 160V
	Battery Low		Every 1 second				
Operating Temperature	°C	0 - 40					
Dimensions	mm	395 x 190 x 290			510 x 190 x 330		D x W x H
Weights	Kg	14.5	19.5	28	33		

## TECHNICAL SPECIFICATION FOR CT SERIES

ITEM		UNIT	SPECIFICATION					REMARKS
Model			CT 600-B	CT 1200-B	CT 2000-B	CT 2500-B	CT 3200-B	
AC INPUT	Voltage	V	160 - 260V					
	Current	A	1,6	2,9	4,8	6,2	7,7	Max Load & Charger
	Frequency	Hz	50 ± 3					
DC INPUT	Protection		3 A	5 A	10 A	10 A	10 A	Fuse
	Internal Battery		1 x 12V 7AH	2 x 12V 7AH	3 x 12V 7AH	4 x 12V 7AH	5 x 12V, 7AH	Sealed Lead Acid Battery
	Protection		30 A	40 A	50 A	50 A	50 A	Fuse
INVERTER	Wave Form		SYNTHESIZED SINE WAVE					PW M
	Voltage	V	220 ± 5%					
	Frequency	Hz	50					
	Power	VA/W	600/300	1200/600	2000/1000	2500/1250	3200/1600	Maximum
	Efficiency	%	> 80					
CHG	Type		CONSTANT VOLTAGE					
	Voltage	V	13,6	27,2	40,8	54,4	68	
	Current	A	1,5					
Transfer Time	ms	≤ 4						
Back Up Time	minute	10					NOMINAL LOAD	
Indicator		LED & BUZZER						
Operating Temperature	°C	0 - 40						
Dimensions	mm	95 x 340 x 145	145 x 390 x 195	175 x 430 x 230	175 x 445 x 230		W x D x H	
Weights	Kg	6,5	15,2	19,2	23,4	26,4		

For continuous improvement, specification subject to change without notice.