

TOSHIBA

UNINTERRUPTIBLE POWER SYSTEMS



4200FA Series

15/25/30/50 kVA UPS

CT

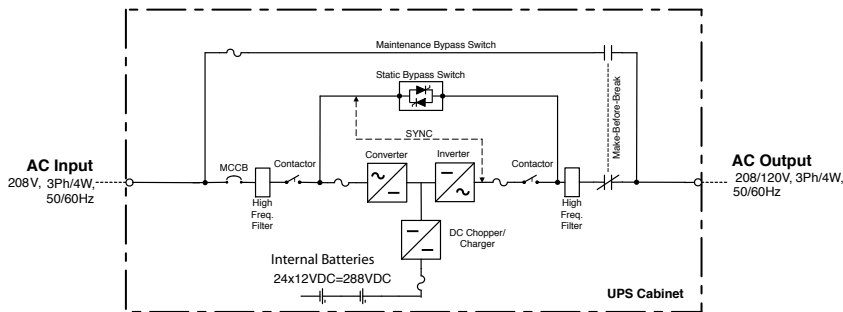
3 Year
Warranty

True On-line double conversion UPS
Input Power Factor >0.98
Input Current THD <3%
Wide Input voltage window + 10 to -30%
Wide Input frequency window 45-65 Hz
All IGBT 16kHz Design (Rectifier / DC Converter / Inverter)
Electronic Power Factor Correction for 100% generator compatibility
Complete Front Access for installation, operation, & service
Internal Batteries
Internal Maintenance Bypass Switch
100% unbalanced load capability
SNMP/ Web based Monitoring

Reliability in motion TM

4200FA CT 15/25/30/50 kVA UPS

Model Number		T42F3F150XAMBN	T42F3F250XAMBN	T42F3F300XAMBN	T42F3F500XAMBN
Capacity	kVA/kW	15/12	25/20	30/24	50/40
Topology	True on-line, double conversion, IGBT PWM, with active input power factor correction				
Input	Voltage	208/120v, 3 Phase, 4 w + Gnd			
	Voltage Range	+10% to -30% (without utilizing battery)			
	Power Factor	Greater than 0.98			
	Current THD	Less than 3%			
	Frequency	50/60Hz (range 45-65 Hz)			
	Current Limit	115% maximum			
Output	Voltage	208/120v, , 3 Phase, 4 w + Gnd			
	Frequency	50/60Hz ± 0.01% (Can be used as a Frequency Converter)			
	Voltage Regulation	< 1% bal. 100% load step, <2% unbal. 100% load step			
	Overload (Inverter)	125% for 90 sec, 150% for 30 sec			
	Overload (Bypass)	125% for 10 min, 1,000% for 10 ms			
Battery	Time (full/half load)	10/30 min.	5/15 min.	3/10 min.	5/15 min.
	DC Link	288v DC			
	Ripple voltage	< 2% DC			
Environment	Temperature Range	0° -40° C (Operating) / -20° - 50° C (Storage)			
	Relative Humidity	0-95% Non Condensing			
	Heat Rejection	5,733 Btu's	7,100 Btu's	9100 Btu's	17,737 Btu's
	Efficiency	AC/DC/AC 87.7%, DC/AC 90%			AC/DC/AC 88.5%
Dimensions	Dimensions (LxWxH)	20 x 36.3 x 59.8			35.4 x 37.6 x 59.8
	Weight (lbs.)	900	910	915	2,548
	Altitude	6,600ft (2000 meters) (Max w/o derating)			
	Audible Noise	< 60 dBA @ 1 meter			<65 dBA @ 1meter
Features	Internal make-before-break maintenance bypass switch, RS232 & dry contact interface				
Standards	UL 1778, cUL, NEC, ISO9001, ISO14001, ANSI C62.41 (IEEE 587), NEMA PE1-1993				
Warranty	(See Toshiba warranty policy for full details)				
Service	7x24 Technical Support 1-877-867-8773 (1-UPS-TOS-UPS3)				



ADJUSTABLE SPEED DRIVES MOTORS CONTROLS UPS INSTRUMENTATION PLC

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION
INDUSTRIAL DIVISION

13131 West Little York Road, Houston, Texas 77041
Tel 713/466-0277 Fax 713/466-8773
US 800/231-1412 Canada 800/872-2192 Mexico 001/800/527-1204
www.tic.toshiba.com
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Available Through:

Allard Electronics
Tel. 512/931-3131
US 877-865-5651
info@allardelectronics.com

