

## UNINTERRUPTIBLE POWER SYSTEMS



# XT

## 4200FA Series

### 15/25/30/50/80 kVA UPS

## 3 Year Warranty

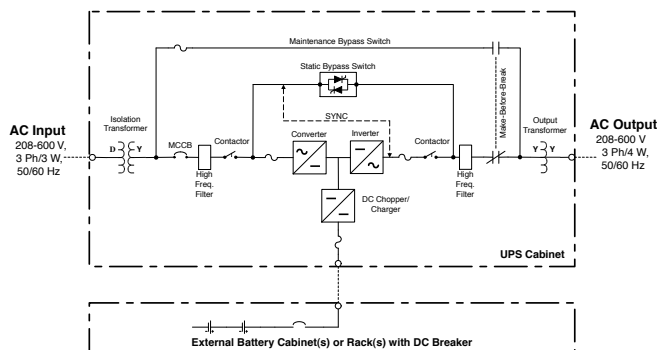
- True On-Line Double Conversion UPS
- Input Power Factor > 0.99
- Input Current THD < 3%
- Wide Input Voltage Window +20% to -30%
- Wide Input Frequency Window 45 to 65 Hz
- All IGBT 12 kHz Design (Rectifier/DC Converter/Inverter)
- Electronic Power Factor Correction for 100% Generator Compatibility
- Complete Front Access for Installation, Operation, and Service
- External Battery Options for Customized Battery Back-Up Time
- XT Series is Designed for Extreme Applications
- Internal Isolation Transformer(s)
- Internal Maintenance Bypass Switch\*
- 100% Unbalanced Load Capability
- SNMP/Web-Based Monitoring

## Reliability *in motion*<sup>®</sup>

# 4200FA XT 15/25/30/50/80 kVA UPS

Model Number		T42X3X150XAMXN	T42X3X250XAMXN	T42X3X300XAMXN	T42X3X500XAMXN	T42X3X800XAXXN
<b>Capacity</b>	kVA/kW	15/12	25/20	30/24	50/40	80/64
<b>Topology</b>	True On-line, Double Conversion, IGBT PWM, with Active Input Power Factor Correction					
<b>Input</b>	Voltage	208 V, 220 V, 240 V, 380 V, 415 V, 480 V, 600 V, 3 Phase, 3 w + Gnd				
	Voltage Range	+10% to -30%; +20% to -30% Online (Without Utilizing Battery)				
	Power Factor	Greater than 0.99				
	Current THD	Less than 3%				
	Frequency	50/60 Hz (range 45 to 65 Hz)				
	Current Limit	115% maximum				
<b>Output</b>	Voltage	208 V, 220 V, 240 V, 380 V, 415 V, 480 V, 600 V, 3 Phase, 4 w + Gnd				
	Frequency	50/60 Hz $\pm$ 0.01% (Can be Used as a Frequency Converter)				
	Voltage Regulation	< 1% balanced, 100% load step; < 2% unbalanced, 100% load step				
	Overload (inverter)	125% for 90 sec, 150% for 30 sec				
	Overload (bypass)	125% for 10 min, 1,000% for 10 ms				
<b>Battery</b>	DC Link	288 VDC				
	Ripple Voltage	<.5% DC				
<b>Environment</b>	Temperature Range	0 to 40°C (operating)/-20 to +50°C (storage)				
	Relative Humidity	0 to 95% non condensing				
	Heat Rejection	5,733 BTUs	7,600 BTUs	9,100 BTUs	17,737 BTUs	24,270 BTUs
	Efficiency	AC/DC/AC 87.7%, DC/AC 90%			AC/DC/AC 88.5%	AC/DC/AC 90%
<b>Dimensions</b>	Dimensions (L x D x H)	20" x 36.3" x 59.8"			35.6" x 37.6" x 59.8"	44" x 31" x 74"
<b>(1 / 2) Transformer(s)</b>	UPS Weight (lb)	1,275/1,475	1,275/1,475	1,275/1,475	1,581/1,941	2,450
	Altitude	6,600 ft (2000 m) (Maximum Without Derating)				
	Audible Noise	< 60 dBA at 1 m			< 65 dBA at 1 m	< 65 dBA at 1 m
<b>Features</b>	Internal Make-before-break Maintenance Bypass Switch*, RS232 and Dry Contact Interface					
<b>Options</b>	Dual Input Feed, Air Filters for Door, RemotEye II®					
<b>Standards</b>	UL 1778, cUL, NEC, ISO9001, ISO14001, ANSI C62.41 (IEEE 587), NEMA PE1-1993					
<b>Warranty</b>	(See Toshiba Warranty Policy for Full Details.)					
<b>Service</b>	7 x 24 Technical Support 1-877-867-8773 (1-UPS-TOS-UPS3)					

\* Not available on 80 kVA



**UPS ADJUSTABLE SPEED DRIVES MOTORS CONTROLS INSTRUMENTATION PLC**

# TOSHIBA

**TOSHIBA INTERNATIONAL CORPORATION  
INDUSTRIAL DIVISION**

Available Through: