

## UNINTERRUPTIBLE POWER SYSTEMS



**XT**

# G8000 Series

100/150/225/300 KVA UPS

**U**nity  
Output  
P.F.

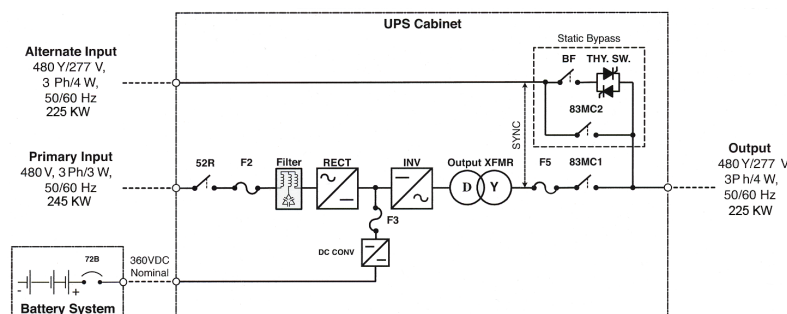
Models Now  
Available with  
208 V Output

- Input Power Factor > 0.98
- Output Power Factor 1.0
- Input Current THD < 5%
- Internal Isolation Transformer
- 208 V Output Models Available
- True Online, Double-Conversion UPS
- 100% Unbalanced Load Capability
- Electronic Battery Isolation for Battery Longevity
- Complete Front-Access for Installation, Operation, and Service
- XT Series Designed for Extreme Applications (Harsh Environments)
- External Battery Options for Customized Battery Backup Time
- IGBT DC Converter/Inverter Design
- Generator-Friendly Design and Compatibility
- SNMP/Web-Based Monitoring
- Flywheel Compatible
- Assembled in USA

**Reliability in motion®**

# G8000 Series 100/150/225/300 KVA UPS

Model Number		T80S3_10KK6XS2H	T80S3_15KK6XSNH	T80S3K22KK6XSNH	T80S3K30KK6XSNH
Capacity	KVA/KW	100/100	150/150	225/225	300/300
Topology	True Online, Double Conversion, IGBT PWM, with Unity Power Factor Output				
Input	Voltage	AC Input, 480 V, Three-Phase, Three-Wire + Ground/Bypass Input, 480 V, Three-Phase, Four-Wire + Ground			
	Voltage Range	480 V + 10 to 15% (408 to 528 V Without Utilizing Battery)			
	Power Factor	Greater than 0.95 (0.98 Typical)			
	Current THD	4% Maximum			
	Frequency	60 Hz (± 5%)			
	Current Limit	125% Maximum			
Output	Voltage	480/277 V, 208/120 V, Three-Phase, Four-Wire and Ground		480/277 V, Three-Phase, Four-Wire and Ground	
	Frequency	60 Hz, ±0.01%			
	Voltage Regulation	±1.0% (0.5% Typical)			
	Power Factor	1.0 Unity (20% More Power Over Previous Model)			
	Voltage THD	3% (1% Typical)			
	Overload (Inverter)	125% for 10 Minutes; 150% for 60 Seconds			
	Overload (Bypass)	1000% for One Cycle, 125% Continuous			
Battery	DC Link	360 VDC			
	Ripple Voltage	±0.5%			
Environment	Temperature Range	0° to 30°C Unity PF, 40° at 0.8 PF (Operating); -20° to +50°C (Storage)			
	Relative Humidity	30% to 95% Non-Condensing			
	Heat Rejection at Unity PF	34,121 BTUs/Hour	51,182 BTUs/Hour	68,293 BTUs/Hour	68,243 BTUs/Hour
	Efficiency	93.5%	94%	94%	94%
	Altitude	6,600 Feet (2000 Meters) (Maximum Without Derating)			
	Audible Noise	< 65 dBA at 1 Meter	< 68 dBA at 1 Meter	70 dBA at 1 Meter	70 dBA at 1 Meter
Dimensions	Dimensions (W x D x H)	36.8" x 31.8" x 79.2"	55.1" x 31.8" x 79.2"		76.8" x 35.7" x 79.4"
	Weight	1,740 lbs.	2,467 lbs.	2,980 lbs.	4,575 lbs.
Features	Output Unity Power Factor, Dual-Input Feed, Output Isolation Transformer, Electric Battery Isolation, RS232 and Dry Contact Interface				
Standards	UL 1778, CUL, NEC, ISO9001, ISO14001, ANSI C62.41 (IEEE 587)				
Warranty	One Year on UPS Electronics Standard; Up to Five Years Available; Three Years on Batteries with Startup Purchase; See Toshiba Warranty Policy for Full Details				
Service	24-Hour, 365-Day Technical Support 1-877-867-8773				



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

## TOSHIBA

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