

**TOSHIBA**

## Uninterruptible Power Systems



**XT**

# G8000 Series

80/100/150/225/300 KVA

**U**nity  
Output  
P.F.

Models Now  
Available with  
208 V Output

- Input Power Factor > 0.99
- 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

# G8000 UPS 80/100/150/225/300 KVA

Model Number		T80S3K08KK6XS2H	T80S3K10KK6XS2H	T80S3K15KK6XSNH	T80S3K22KK6XSNH	T80S3K30KK6XSNH	
Capacity	KVA/KW	80/80	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 0.99 Lagging					
	Current THD	Less than 5%					
	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% for 100% Linear Loads ±5% for 100% Non-Linear Loads					
	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		±0.2% of DC Voltage					
Environment	Temperature Range	0° to 30°C Unity PF, 0° to 40°C at 0.8 PF (Operating)					
	Relative Humidity	30% to 90% Non-Condensing					
	Heat Rejection at Unity PF	28,387 BTUs/Hour	34,222 BTUs/Hour	44,506 BTUs/Hour	68,240 BTUs/Hour	85,300 BTUs/Hour	
	Efficiency	90.6%	91.2%	93.0%	92.3%	92.7%	
	Altitude	3,200 Feet (1000 Meters) (Maximum Without Derating)					
	Audible Noise	< 65 DBA at 1 Meter			< 68 DBA at 1 Meter		70 DBA at 1 Meter
Dimensions	Dimensions (W x D x H)	36.8" x 32.5" x 79.2"			55.1" x 31.8" x 79.2"		76.8" x 35.7" x 79.4"
	Weight	1,390 lbs.	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	Three Years 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						

