

# TOSHIBA

Leading Innovation >>>



- 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 >>>  
UNINTERRUPTIBLE POWER SYSTEM



MODEL	T80S3K08KK6XS2H	T80S3K10KK6XS2H	T80S3K15KK6XSNH	T80S3K22KK6XSNH	T80S3K30KK6XSNH
<b>CAPACITY</b>					
KVA/KW	80/80	100/100	150/150	225/225	300/300
<b>TOPOLOGY</b>	True Online, Double Conversion, IGBT PWM, with Unity Power Factor Output				
<b>INPUT</b>					
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				
<b>OUTPUT</b>					
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				
<b>BATTERY</b>					
DC Link	360 VDC				
Ripple Voltage	±0.2% of DC Voltage				
<b>ENVIRONMENT</b>					
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
<b>DIMENSIONS</b>					
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.
<b>FEATURES</b>	Output Unity Power Factor, Dual-Input Feed, Output Isolation Transformer, Electric Battery Isolation, RS232 and Dry Contact Interface				
<b>STANDARDS</b>	UL 1778, CUL, NEC, ISO9001, ISO14001, ANSI C62.41 (IEEE 587)				
<b>WARRANTY</b>	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				
<b>SERVICE</b>	24-Hour, 365-Day Technical Support 1-877-867-8773				

**TOSHIBA POWER ELECTRONICS DIVISION:**

- Uninterruptible Power Systems
- Rechargeable Batteries
- Power Conditioning Systems
- Remote Monitoring

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