

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
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				

TOSHIBA POWER ELECTRONICS DIVISION:

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

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