

## UNINTERRUPTIBLE POWER SYSTEMS



# XT

## G8000 Series

100/150/225/300 kVA UPS

**3** Year  
Warranty  
See reverse for details

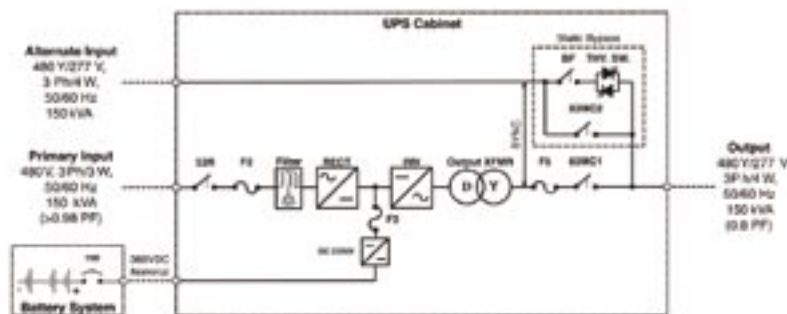
**NEW**  
Higher Output  
Power Factor!

- Output Power Factor 1.0
- Input Power Factor > 0.98
- Internal Isolation Transformer
- Input Current THD < 5%
- True On-Line Double Conversion UPS
- Wide Input Voltage Window
- IGBT DC Converter/Inverter Design
- 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 (Harsh Environments)
- 100% Unbalanced Load Capability
- SNMP/Web-Based Monitoring

**Reliability in motion®**

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

Model Number		T80S3K10KK6XSNH	T80S3K15KK6XSNH	T80S3K22KK6XSNH	T80S3K30KK6XSNH
Capacity	kVA/kW	100/100	150/150	225/225	300/300
Topology	True On-Line, Double Conversion, IGBT PWM, with Input Power Factor Correction and Unity Power Factor on Output				
Input	Voltage	AC Input 480 V 3-Phase, 3-Wire + Gnd/Bypass Input 480 V 3-Phase, 4-Wire + Gnd			
	Voltage Range	408 to 528 V (Without Utilizing Battery)			
	Power Factor	Greater than 0.98			
	Current THD	5% Max			
	Frequency	60 Hz (± 5%)			
	Current Limit	125% Max			
Output	Voltage / THD	480 V, 3-Phase, 4-Wire + Gnd/1% THD Typ			
	Frequency	60 Hz ± 0.01%			
	Voltage Regulation	± 0.5%			
	Power Factor	1.0 Unity (20% More Power)			
	Overload (Inverter)	125% for 10 Minutes; 150% for 60 Seconds			
	Overload (Bypass)	1000% for 1 Cycle, 125% Continuous			
Battery	DC Link	360 V DC			
	Ripple voltage	± 0.5%			
Environment	Temperature Range	0 to 30°C Unity PF (Operating) 0 to 40°C 0.8 PF (Operating)/-20 to +50°C (Storage)			
	Relative Humidity	30 to 95% Non-Condensing			
	Heat Rejection	23,720 BTUs/Hour	32,670 BTUs/Hour	49,000 BTUs/Hour	65,335 BTUs/Hour
	Efficiency	93.5%	94%	94%	94%
Dimensions	Dimensions (L x W x H)	36.8" x 31.5" x 78.7"	55.1" x 31.5" x 78.7"		76.8" x 35.4" x 78.7"
	Weight	1680 Lbs	2756 Lbs	3307 Lbs	4400 Lbs
Altitude	6,600 Feet (2000 Meters) (Maximum Without Derating)				
Audible Noise	< 65 dBA @ 1 Meter		< 68 dBA @ 1 Meter		70 dBA @ 1 Meter
Features	<b>Output Unity Power Factor</b> , Dual Input Feed, Output Isolation Transformer, RS232 and Dry Contact Interface				
Standards	UL 1778, CUL, NEC, ISO9001, ISO14001, ANSI C62.41 (IEEE 587)				
Warranty	Three Years on Electronics (UPS) when PMs are Purchased/Two Years Full on Battery (See Toshiba Warranty Policy for Full Details)				
Service	24-Hour Technical Support 1-877-867-8773 (1-UPS-TOS-UPS3)				



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

# TOSHIBA

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