> 1600XP/XPi SERIES

MODEL							
Size	3.6 KVA (3.1 KW)	6 KVA (5.1 KW)	8 KVA (6.8 KW)	10 KVA (8.5 KW)	14 KVA (11.9 KW)	18 KVA (15.3 KW)	22 KVA (18.7 KW)
Topology	True Online, Double-Conversion; IGBT Power Factor Corrected Input; Internal Isolation Transformer						
Certifications	UL 1778, CUL, CE, FCC Class A, IEEE 587, ANSI/C62.41, ISO 9001, ISO 14001, NEMA/PE1-1993, RoHs						
TOWER							
1600XP US Model	UH3G2L036C61T	UH3G2L060C61T	UH3G2L080C61T	UH3G2L100C61T	UH3G2L140C61T	UH3G2L180C61T	UH3G2L220C61T
1600XPi US Model	H3BG2L036C61T	H3BG2L060C61T	H3BG2L080C61T	H3BG2L100C61T	H3BG2L140C61T	H3BG2L180C61T	H3BG2L220C61T
INPUT							
Voltage	Single-Phase 208/240 VAC (Three-Wire Input/L-L, G); 230 VAC (Three-Wire Input/L, N, G), +10% -30% (Based on Typical 70% Load)						
Capacity (VA)	3.6 KVA	6 KVA	8 KVA	10 KVA	14 KVA	18 KVA	22 KVA
Capacity (W)	3.1 KW	5.1 KW	6.8 KW	8.5 KW	11.9 KW	15.3 KW	18.7 KW
Frequency	45 to 65 Hz (Auto-Sensing)						
Power Factor	> 0.95 For All Loads						
Current THD	< 5% (Even for 100% Non-Linear Loads)						
AC Input Breaker Rating	30 A	50 A	60 A	63 A	100 A	100 A	125 A
OUTPUT							
Voltage	Single-Phase 240/208/120 VAC (Four-Wire Output/L-L, N, G)						
Voltage Regulation	±3%; ±1% Typical						
Frequency	50/60 Hz; ±0.5 Hz/1.0 Hz/1.5 Hz (Factory or Authorized Service Center Selectable)						
Voltage THD	< 3% for Linear Load; 1% Typical						
Wave Form	Sinewave, Zero Transfer Time						
Common Mode Noise	< 0.5 V RMS						
Load Power Factor	0.85 (0.6 to 1.0) Lag						
Efficiency AC/DC/AC	> 85%						
Rated Output Current @ 240 V	15 A	25 A	33.3 A	41.6 A	58 A	75 A	91.6 A
Maximum Peak Output Current	45 A	75 A	100 A	125 A	174 A	225 A	275 A
Overload Capacity	Inverter Mode: 150% for 10 Seconds, 125% for 30 seconds; Bypass Mode: 125% for 10 Minutes, 1000% for One Cycle						
Crest Factor	3.0						
BATTERY							
Battery Type	Valve-Regulated Lead Acid; Flame Retardant (9.0 AH)						
Backup Time (Fully Charged)	7 Minutes	7 Minutes	7 Minutes	5 Minutes	7 Minutes	5 Minutes	3 Minutes
	0.85 Power Factor; 77°F; Approximately 30% More Runtime for Output Power Factor of 0.7 (Triple Backup Time at ½ Load)						
Recharge Time	24 Hours (Full), 12 Hours (90%)						
DC Link	144 VDC	216 VDC	288 VDC				
PHYSICAL							
Interface	RS-232 and Remote Contact Standard, RemotEye® IV Standard for 1600XPi						
Demensions (L x W x H)	33" x 10" x 22.1"	34" x 10" x 27.5"	34.9" x 13" x 28.4"		36.1" x 17.5" x 39.1"		
Weight	253 lbs. / 115 kg	354 lbs. / 161 kg	466 lbs. / 211 kg		771 lbs. / 350 kg		
Shipping Weight	308 lbs. / 140 kg	414 lbs. / 188 kg	533 lbs. / 242 kg		839 lbs. / 381 kg		
Enclosure	Steel Enclosure; Complies with NEMA 1 and UL Type-1 Standard						
Battery Pack Size (L x W x H)	19" x 7.3" x 5" (Battery Pack Part # 51896-FS)						
Battery Pack Quantity	2	3	4		8		
ENVIRONMENT							
Operating Temperature	0° to 40°C (Operating); -20° to +40°C (Storage)						
Heat Generation (BTU/Hr)	1,843	3,071	4,095	5,118	7,168	9,213	11,260
Altitude	6,600 Feet (2,000 Meters) Maximum Without Derating						
Audible Noise	< 60 DBA at 1 Meter						
ADDITIONAL FEATURES	Output Isolation Transformer, Angled Terminal Blocks for Easy Installation,Casters for Mobility						
OPTIONS							
SNMP & WEB-Based Monitoring	RemotEye® III/4, RemotRadar™, Environmental Monitoring Device Option						
Connectivity	Line Cord and Receptacle Option						
WARRANTY	Three Years on Electronics; Two Years Full Replacement on Battery; See Toshiba Single-Phase Warranty Policy for Full Details						