

Toshiba International Corporation

Uninterruptible Power Systems



1700 Series 2000VA 120V Tower - UF1A1A020C6

2.0kVA 120V/120V Tower - The 1700 2.0kVA debuts with Toshiba's standard stellar capabilities with an additional list of upgraded features. The Overload Capacity and the Input Power Factor are just the beginning.

Product Specifications

INPUT	Voltage	120Vac
	Voltage Range	60V~144V (+20% to -50%)
	Frequency	50/60 Hz Auto Sensing
	Synchronization window	± 3Hz
	Power Factor	Greater than 0.97
	THD Current	Less than 9% at Full Load
OUTPUT	Topology	True On-Line, Double Conversion, Input PF Correction
	Voltage	120Vac
	Capacity (VA)	2000VA
	Capacity (W)	1400W
	Voltage Regulation	± 3%
	Voltage Distortion	Less than 5% THD at Full Non-Linear Load. Less than 3% THD at full Linear Load.
	Step Load	± 9 % max from 100% to 0 % or from 0% to 100 % linear load
	Rated Current	16.67A
	Overload Capacity	125% for 1 minute, 150% for 10 seconds
	Crest Factor	2.5 at full load
	Frequency	50/60 Hz Auto Sensing

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	Frequency Regulation	± 0.5Hz
	Wave Form	Sine wave, Zero Transfer Time
	Load Power Factor	0.7
	Efficiency AC to AC	Greater than 86%
BATTERY	DC Voltage	48V
	Backup Time	Single: 13 min (full load) 32 min (half load) Double: 32 min (full load) 77 min (half load)
	Battery type	Energys Flame Retardant Lead Acid 9Ah/12V
	Number of batteries	2 Strings in Parallel, 4 Batteries per String
	Recharge time	<4.5 hours to 90%
PHYSICAL	Interface	RS-232, Dry Contact, External Battery Connectivity
	Line Cord	5-20P
	Receptacles	Five NEMA 5-15R
	Dimensions WxDxH (mm)	203x517x260
	Ship Dimensions WxDxH (mm)	356x660x406
	Dimensions W x D x H (inch)	8.0x20.4x10.2
	Ship Dimensions WxDxH (inch)	14x26x16
	Weight kg (lb)	13.7 (30)
	Ship Weight kg (lb)	15.9 (35)
OPTION	External Matching Battery Cabinet	Single - 13 Mins, Double - 32 Mins. Max Two Cabinets. Part #: UF1-BC-087
	Network Interface Card	RemotEye II - Part #: RMTI-INT-R25
	Environmental Monitoring Device	Part #: RMTI-EMD-HT
ENVIRONMENT	Operating Ambient Temperature	0 ~ 40°C (32 ~ 104°F)
	Recommended Temperature	+15°C ~ 25°C
	Storage Temperature	-15°C ~ 50°C
	Cooling	Forced Air-Cooling
	Humidity	30-90%, Non-Condensing
	Audible Noise	Less than 45db Normal and Battery Modes
	Altitude	11500 ft (3,500 m) above sea level
CONFORMANCE	Regulatory Approvals	UL, CUL
WARRANTY		Three years on electronics
		Two years full replacement on battery (See Toshiba warranty policy for full details)