



# Important Safety Instructions; Qualified Personnel Only - Toshiba UNINTERRUPTIBLE POWER SYSTEM 1600XP Installation And Operation Manual

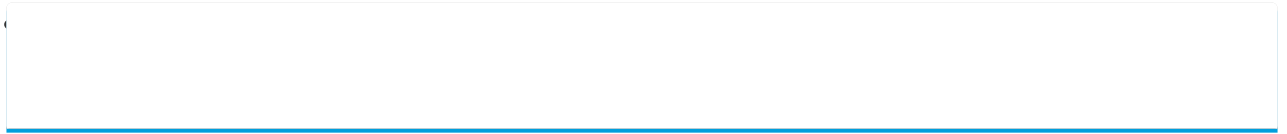
Single phase - 3.6/6/8/10/14/18/22 kva



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## Bookmarks







## IMPORTANT SAFETY INSTRUCTIONS

**TOSHIBA**  
this manual contains important instructions that should be followed during the installation and maintenance. **Leading Innovation >>>**

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of the UpS and its batteries.

Hardwired UpS units are not equipped with an over-current protection device nor an output disconnect for the AC output. A circuit breaker should be provided by the user between the UpS output and the load input.

this device should be rated as follows:

3.6 kVA

240VAC

RATING

20 A

the nominal battery voltages for these models are as follows:

3.6 kVA

BATTERY

VOLTAGE

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144 Vdc

Servicing of the batteries should only be performed by a qualified factory authorized representative who is knowledgeable about batteries and the required precautions. keep unauthorized personnel away from batteries. to arrange for battery replacement, contact your nearest factory authorized service center.



1. turn off, lockout, and tagout all equipment before connecting the power wiring to the equipment or when performing maintenance.

2. Hardwired UpS units are not equipped with an over-current protection device, nor do they have an output disconnect for the AC output. therefore, a user-installed circuit breaker should be provided between the UpS output and the load input.

3. the maximum ambient operating temperature is 104 °F (40 °C).

4. Access panels should only be removed by authorized Toshiba field Service personnel.

5. UPS servicing should be performed by qualified Toshiba representatives only.

6. Battery servicing should be performed by qualified Toshiba representatives only.

7. Contact your toshiba authorized service center for battery replacement.

### QUALIFIED PERSONNEL ONLY

Qualified personnel are those who have the skills and knowledge relating to the construction, installation, operation, and maintenance of the electrical equipment and have received safety training on the hazards involved (refer to the latest edition of nFpA 70e for additional safety requirements).

Qualified personnel shall:

1. Have read the entire operation manual.
2. be trained and authorized to safely energize, de-energize, ground, lockout and tag circuits and equipment, and clear faults in accordance with established safety practices.
3. be trained in the proper care and use of protective equipment such as safety shoes, rubber gloves, hard hats, safety glasses, face shields, flash clothing, etc., in accordance with established safety practices.
4. Be trained in rendering first aid.
5. be knowledgeable about batteries and their required handling and maintenance precautions.

For further information about workplace safety visit [www.osha.gov](http://www.osha.gov).

1600Xp Series installation and operation manual

- 6 kVA
- 8 kVA
- 10 kVA
- 35 A
- 45 A

60 A  
6 kVA  
8 kVA  
10 kVA  
216 Vdc  
288 Vdc  
288 Vdc  
14 kVA  
18 kVA  
22 kVA  
80 A  
100 A  
125 A  
14 kVA  
18 kVA  
22 kVA  
288 Vdc  
288 Vdc  
288 Vdc  
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### [UPS Toshiba 1600XP Specifications](#)

Single phase uninterruptible power systems (9 pages)

### [UPS Toshiba 1600XP SERIES Installation And Operation Manual](#)

(140 pages)

### [UPS Toshiba 1600XP SERIES Installation And Operation Manual](#)

1600xp series single phase - 3.6/6/8/10/14/18/22 kva (100 pages)

### [UPS Toshiba 1600XPi Series Installation And Operation Manual](#)

8-22kva battery cabinet (23 pages)

### [UPS Toshiba 1600XP SERIES Installation And Operation Manual](#)

8-22kva battery cabinet (22 pages)

### [UPS Toshiba 1600XP Series Quick Installation Manual](#)

(4 pages)

### [UPS Toshiba 1600EP SERIES Instruction Manual](#)

(58 pages)

### [UPS Toshiba 1600EP Series Operation Manual](#)

Battery cabinet system single phase- 8/10/14/18 kva (16 pages)

### [UPS Toshiba 1600EP Series Operation Manual](#)

Battery cabinet system single phase - 3.6/6.0 kva (22 pages)

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3.6kva 208/240v in - 208/240/120v out tower hardwire solution (3 pages)

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(4 pages)

### [UPS Toshiba 1600 Series Instruction Manual](#)

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### [UPS Toshiba 1600XPi Series Installation And Operation Manual](#)

Single phase - 3.6/5.2/6/8/10/14/18/22 kva (140 pages)

### [UPS Toshiba 1500 Plus Series Operation Manual](#)

6/.8/1.0 kva 220v uninterruptible power system (31 pages)

### [UPS Toshiba UT1A1A010C6 User Manual](#)

User guide (51 pages)

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### [4400 Series Important Safety Instructions](#)

Toshiba 4400 Series

### [5000 Series Important Safety Instructions](#)

Toshiba 5000 Series



[1400SE Series Important Safety Instructions](#)

Toshiba 1400SE Series

[G9000 SERIES Important Safety Instructions](#)

Toshiba G9000 SERIES

[5000 SERIES Important Safety Instructions](#)

Toshiba 5000 SERIES

[T1000 Series Important Safety Instructions](#)

Toshiba T1000 Series

[UC1A1A020C6TB Important Safety Instructions](#)

Toshiba UC1A1A020C6TB

[TPS0A0700AXA Important Safety Instructions](#)

Toshiba TPS0A0700AXA

This manual is also suitable for:

[1600xp serie1600xp series](#)