

uptime



key features

- greater system uptime with support for extended runtime modules*
- long-term battery reliability with enhanced battery management and superior voltage regulation
- system flexibility with up to three load segments and support for option cards*
- intelligent manageability with bundled power management software
- ease of serviceability with hot-swappable battery
- easy to use front panel display
- backed by a limited three-year warranty, HP battery pre-failure warranty, and a \$25,000 load protection guarantee**

* Except UPS T700

**Certain restrictions and exclusions apply

hp tower UPS

reliable power protection

HP tower uninterruptible power systems (UPSs) protect your computer equipment and your critical data against damage due to inconsistent and fluctuating power. With extended runtime modules (ERMs), you can extend your overall runtime to continue working even during extended power outages. In the event of a prolonged blackout, the bundled power management software automatically saves your data, closes applications, and stages a systematic orderly shutdown.

HP tower UPSs incorporate enhanced battery management technology, an exclusive technology that doubles battery service life, optimizes battery recharge time, and provides 60-day advance notice of the end of useful battery life. With enhanced battery management, you have lower cost of ownership and industry leading protection. HP tower UPSs are designed with hot-swappable batteries. With simple access through the front panel, you can safely install a new battery without powering down the connected computer equipment.

For help sizing your hp UPS, go to www.upssizer.com



model selection guide

| model number | part number | power out (VA/Watt) | input connection | output connections | unit dimensions (WxHxD) | unit weight |
|--|-------------|---------------------|------------------|-------------------------|--|---------------------|
| low voltage models (100–127 VAC; 60 Hz) ¹ | | | | | | |
| t700 na | 204015-001 | 700/500 | 5-15P | (4) 5-15R | 5.9 x 7.6 x 13.4 in 15.0 x 19.3 x 34.0 cm | 27 lb. 12 kg |
| t700 jpn ² | 204015-291 | 700/500 | 5-15P | (4) 5-15R | 5.9 x 7.6 x 13.4 in 15.0 x 19.3 x 34.0 cm | 27 lb. 12 kg |
| t1000 xr, na | 204155-001 | 1000/700 | 5-15P | (6) 5-15R | 6.37 x 9.50 x 16.2 in 16.1 x 24.1 x 41.1 cm | 34.5 lb. 15.6 kg |
| t1000 xr, jpn ² | 312803-291 | 1000/700 | 5-15P | (6) 5-15R | 6.37 x 9.50 x 16.2 in 16.1 x 24.1 x 41.1 cm | 34.5 lb. 15.6 kg |
| t1500 xr, na | 204155-002 | 1440/1050 | 5-15P | (6) 5-15R | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 34.5 lb. 15.6 kg |
| t1500 xr, jpn ² | 204155-291 | 1500/1050 | 5-20P | (6) 5-20R | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 54.8 lb. 24.8 kg |
| t2200 xr, na | 204451-001 | 1920/1600 | 5-20P | (6) 5-15R; (2) 5-20R | 8.1 x 9.5 x 18.8 in 20.5 x 24.1 x 47.7 cm | 70 lb. 31.7 kg |
| t2200 XR, jpn ² | 204451-291 | 2200/1600 | L5-30P | (6) 5-15R; (2) 5-20R | 8.1 x 9.5 x 18.8 in 20.5 x 24.1 x 47.7 cm | 70 lb. 31.7 kg |
| high-voltage models (208 VAC; 50/60 Hz) ³ | | | | | | |
| t700 intl | 204015-B31 | 700/500 | IEC-320, C14 | (4) IEC-320, C13 | 5.9 x 7.6 x 13.4 in 15.0 x 19.3 x 34.0 cm | 27 lb. 12 kg |
| t1000 xr, intl | 204155-B31 | 1000/700 | IEC-320, C14 | (6) IEC-320, C13 | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 34.5 lb. 15.6 kg |
| t1500 xr, intl | 204155-B32 | 1500/1050 | IEC-320, C14 | (6) IEC-320, C13 | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 54.8 lb. 24.8 kg |
| t2200 xr, intl | 204451-B31 | 2200/1600 | IEC-320, C14 | (9) IEC-320, C13 | 8.1 x 9.5 x 18.8 in 20.5 x 24.1 x 47.7 cm | 70 lb. 31.7 kg |
| t2200 xr, na-high ⁴ | 204451-002 | 2080/1600 | IEC-320, C14 | (9) IEC-320, C13 | 8.1 x 9.5 x 18.8 in 20.5 x 24.1 x 47.7 cm | 70 lb. 31.7 kg |
| extended runtime module (ERM) options ⁵ | | | | | | |
| ERM, t1000 xr | 218967-B21 | – | – | – | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 64.5 lb. 29.2 kg |
| ERM, t1500 xr & t2200 xr | 218969-B21 | – | – | – | 6.37 x 9.5 x 18.2 in 16.1 x 24.1 x 46.2 cm | 64.5 lb. 29.2 kg |

1. User selectable for 110, 120, or 127 VAC via front panel. 2. Japanese, 100 volt model. 3. User selectable for 220, 230, or 240 VAC via front panel. 4. NA-High indicates North America high-voltage models. 5. Support for up to two ERMs.

backup times* (in minutes)

| models | 100W | 200W | 300W | 400W | 500W | 600W | 700W | 800W | 900W | 1000W | 1100W | 1200W | 1300W | 1400W | 1500W | 1600W |
|-------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| t700 | 40 | 27 | 14 | 9 | 6 | – | – | – | – | – | – | – | – | – | – | – |
| t1000 xr | 65 | 26 | 20 | 13 | 11 | 7 | 6 | – | – | – | – | – | – | – | – | – |
| t1000 xr + 1 ERM | 435 | 174 | 134 | 95 | 78 | 62 | 50 | – | – | – | – | – | – | – | – | – |
| t1000 xr + 2 ERMs | 868 | 347 | 266 | 365 | 155 | 124 | 103 | – | – | – | – | – | – | – | – | – |
| t1500 xr | 156 | 63 | 45 | 27 | 23 | 17 | 13 | 10 | 8 | 6 | – | – | – | – | – | – |
| t1500 xr + 1 ERM | 608 | 243 | 183 | 122 | 98 | 75 | 64 | 54 | 47 | 40 | – | – | – | – | – | – |
| t1500 xr + 2 ERMs | 1055 | 422 | 320 | 230 | 187 | 143 | 121 | 99 | 86 | 73 | – | – | – | – | – | – |
| t2200 xr | 275 | 110 | 81 | 51 | 45 | 34 | 29 | 23 | 20 | 16 | 14 | 13 | 12 | 11 | 9 | 7 |
| t2200 xr + 1 ERM | 680 | 272 | 180 | 143 | 117 | 92 | 79 | 66 | 59 | 52 | 47 | 42 | 39 | 36 | 33 | 29 |
| t2200 xr + 2 ERMs | 1171 | 469 | 351 | 233 | 197 | 162 | 159 | 118 | 105 | 91 | 82 | 72 | 66 | 60 | 57 | 53 |

*Backup times are estimated for typical applications. Actual performance will depend on environmental conditions, ambient temperature, battery age, and other factors.

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www.hp.com/products/ups

technical specifications

| | |
|---------------------------|--|
| electrical input & output | |
| online efficiency | 95% |
| surge suppression | high energy 6500A peak |
| online regulation | –10% to +6% of nominal voltage |
| on battery regulation | ±5% of nominal voltage |
| output protection | re-settable circuit protectors |
| battery | |
| type | valve-regulated lead acid (VRLA) |
| recharge time | <3 hours to 90% usable capacity; <24 hours for complete recharge |
| environmental and safety | |
| operating temperature | 50° F to 104° F / 10° C to 40° C |
| operating humidity | 20% to 80% (non-condensing) |
| operating altitude | up to 6,562 ft / 2000m above sea level |
| transit/storage altitude | up to 30,000 ft / 9,144m above sea level |
| safety markings | FCS, UL, CSA, VDE, NEMKO, FIMKO, DEMKO, SEMKO, NOM |
| safety certifications | UL1778; CSA22.2 |
| emissions | FCC CFR 47, Part 15 class A, EN50091-2 |
| EMC markings | FCC; CISPR; VCCI; CE |
| immunity | IEC 801-2, IEC 801-3, IEC 801-4, IEC 801-5 |
| surge suppression | conforms to IEEE 587B and ANSI C62.41 |

