

# XTREME POWER CONVERSION V80 HT

Value Series Pure Sine Wave Line Interactive UPS // 120V

For more information, visit [www.xpcc.com/V80\\_HT](http://www.xpcc.com/V80_HT)



## Value series line interactive power protection for harsh temperature environments

V80 HT is a pure sine wave line interactive UPS that protects critical data and equipment from power problems while supplying clean and reliable network grade power.

V80 HT units have the highest efficiency ratings available, providing utility cost savings at all load levels. V80 HT design provides flexible mounting including tower, wall and rack. V80 HT models combine high performance with value pricing.

For non-HT models, reference the V80 at [www.xpcc.com/V80](http://www.xpcc.com/V80)

### PRODUCT SNAPSHOT

- › Available models: 700VA, 1000VA, 1500VA, 2000VA
- › Pure sine wave output
- › Automatic voltage regulation (AVR)
- › Tower, wall, and rack mount configurations available
- › UL, cUL, RoHS, TAA Compliant
- › 3 years electronics, 3 years battery warranty (USA and Canada)

### FEATURES

**TAA Compliant**—Complies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

**High Temp**—V80 HT allows higher operating temperature from 32-122°F (0-50°C)

**Auto restart**—after full battery discharge, the V80 HT automatically restarts when utility power returns

**Maintenance bypass**—an optional XBDM bypass module enables the V80 HT to be serviced or replaced without interruption of power to critical loads

**96% efficient operation**—high efficiency ECO mode lowers energy consumption

**Sleek design**—modern and compact, perfect for use in any home office or small office setting

**Smart LCD display**—vital monitoring and precise information from the front panel

**\$50,000 load protection policy**—protection against damaged connected equipment

# MODEL SELECTION GUIDE

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| MODEL NUMBER             |  | V80HT-700  | V80HT-1000    | V80HT-1500    | V80HT-2000        |
|--------------------------|--|--|---------------|---------------|-------------------|
| CAPACITY                 | Power rating   | 700VA (420W)                                     | 1000VA (600W) | 1500VA (900W) | 2000VA (1200W)    |
| INPUT                    | Voltage nominal  | 120VAC   |               |               |                   |
|                          | Voltage range  | 82-148VAC  |               |               |                   |
|                          | Frequency  | 50/60Hz auto-sensing                             |               |               |                   |
| OUTPUT                   | Voltage  | 120VAC   |               |               |                   |
|                          | Waveform   | Pure sine wave                                   |               |               |                   |
|                          | Transfer time (typical)  | 2-6ms  |               |               |                   |
|                          | Efficiency   | Up to 96% ECO mode, 93% buck and boost mode      |               |               |                   |
|                          | Harmonic distortion  | 2% @ 100% linear load; 5% @ 100% non-linear load |               |               |                   |
| BATTERY                  | Battery type   | Sealed, maintenance-free lead acid               |               |               |                   |
|                          | Battery quantity and size  | (1) 12V 8.5AH                                    | (2) 12V 8.5AH | (2) 12V 8.5AH | (2) 12V 8.5AH     |
|                          | Charging current   | 1A max   |               |               |                   |
|                          | Typical recharge   | 4 hours to 90%                                   |               |               |                   |
| PHYSICAL                 | Dimensions (W x D x H)   | 17.2" x 16.1" x 3.5"                             |               |               |                   |
|                          | Weight   | 25.5 lbs   | 31.3 lbs      | 32.3 lbs      | 34.3 lbs          |
|                          | Line cord (detachable)   | 8ft, 5-15P to C13                                |               |               | 8ft, 5-20P to C19 |
|                          | Receptacles  | (8) NEMA 5-15R                                   |               |               |                   |
| ENVIRONMENT              | Operating temperature  | 32-122°F (0-50°C)                                |               |               |                   |
|                          | Audible noise  | < 40dBA  |               | < 45dBA       |                   |
|                          | Altitude   | 11,500 ft above sea level                        |               |               |                   |
| APPROVALS                | UL, cUL, RoHS, TAA Compliant   |  |               |               |                   |
| WARRANTY                 | 3 years electronics, 3 years battery warranty (USA and Canada)   |  |               |               |                   |
| COMMUNICATIONS INTERFACE | USB  |  |               |               |                   |
| INCLUDED IN BOX          | Front mount rack brackets, line cord, tower pedestals, user manual, USB cable, ViewPower software                                      |  |               |               |                   |
| AVAILABLE OPTIONS        | 5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket |  |               |               |                   |

## BATTERY RUNTIMES

| Percentage load:        | 25% | 50% | 75% | 100% |
|-------------------------|-----|-----|-----|------|
| V80-700 w/ (1) XTV1285  | 30  | 10  | 5   | 3    |
| V80-1000 w/ (2) XTV1285 | 40  | 17  | 8   | 5    |
| V80-1500 w/ (2) XTV1285 | 27  | 9   | 4.1 | 3    |
| V80-2000 w/ (2) XTV1285 | 16  | 6   | 3   | 2    |

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



**XTREME**  
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