

SmartPro 120V 700VA 450W Medical-Grade Line-Interactive Tower UPS with 4 Outlets, Full Isolation, USB, Lithium Battery

MODEL NUMBER: SMART700HGL



Specifications

| OUTPUT | |
|------------------------------------------|-----------------------------------|
| Output Volt Amp Capacity (VA) | 700 |
| Output Watt Capacity (Watts) | 450 |
| Power Factor | 0.6 |
| Nominal Output Voltage(s) Supported | 115V; 120V |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -18%, +8% |
| Output Voltage Regulation (Battery Mode) | 115V (+/- 5%) |
| Output Receptacles | (4) 5-15R |
| Output Receptacle Details | Hospital grade output receptacles |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT | |
| Rated input current (Maximum Load) | 5.5A |
| Nominal Input Voltage(s) Supported | 120V AC |



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|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| UPS Input Connection Type | 5-15P-HG |
| Input Circuit Breakers | 10A |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 18 min. (450w) |
| Half Load Runtime (min.) | 42 min. (225w) |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours from 10% to 90% |
| Battery Access | Battery access door |
| Expandable Runtime | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 81 to 143 |
| Overvoltage Correction | Input voltages between 126 and 143 are reduced by 9% |
| Undervoltage Correction | Input voltages between 96 and 106 are boosted by 10% |
| Severe Undervoltage Correction | Input voltages between 81 and 95 are boosted by 21% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Audible Alarm | Audible alarm indicates power-failure, overload and low-battery conditions |
| LED Indicators | 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Joule Rating | 480 |
| AC Suppression Response Time | Instantaneous |



| ISOLATION | |
|---------------------------------------------------------------|------------------------------------------------------------|
| Output Isolation Transformer | Hospital grade load isolation transformer |
| Leakage Current | Equal to 100 microamps |
| PHYSICAL | |
| Installation Form Factors Supported with Optional Accessories | Wallmount(UPSWM - tower mounting kit) |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 12.8 x 7.5 x 9 |
| UPS Power Module Dimensions (hwd, cm) | 32.51 x 19.05 x 22.86 |
| UPS Power Module Weight (lbs.) | 33.73 |
| UPS Power Module Weight (kg) | 15.30 |
| UPS Shipping Dimensions (hwd / in.) | 18.2 x 11.8 x 13.5 |
| UPS Shipping Dimensions (hwd / cm) | 46.23 x 29.97 x 34.29 |
| Shipping Weight (lbs.) | 35.43 |
| Shipping Weight (kg) | 16.07 |
| Cooling Method | Fan |
| UPS Housing Material | PVC |
| Primary UPS Height (mm) | 325 |
| Primary UPS Width (mm) | 190 |
| Primary UPS Depth (mm) | 229 |
| Shipping Height (mm) | 462 |
| Shipping Width (mm) | 300 |
| Shipping Depth (mm) | 343 |
| ENVIRONMENTAL | |
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature Range | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| Relative Humidity | 0 to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 97.7 |
| Battery Mode BTU / Hr. (Full Load) | 189.1 |
| AC Mode Efficiency Rating (100% Load) | 94% |
| COMMUNICATIONS | |



| | |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communications Interface | USB; DB9 Serial |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports , download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB and DB9 serial cabling included |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 81 |
| High Voltage Transfer to Battery Power (Setpoint) | 143 |
| SPECIAL FEATURES | |
| Grounding Lug | Grounding lug |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| CERTIFICATIONS | |
| UPS Certifications | Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); Tested to CSA (Canada); Tested to UL1778 (USA); Tested to UL60601-1 (medical grade) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 5-year limited warranty |

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