

SmartOnline 208/240V 3kVA 2.7kW Double-Conversion UPS, 2U, Extended Run, Network Card Slot, LCD, USB, DB9, ENERGY STAR

MODEL NUMBER: SU3000LCD2UHV



Specifications

| OUTPUT | |
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| Output Volt Amp Capacity (VA) | 3000 |
| Output kVA Capacity (kVA) | 3 |
| Output Watt Capacity (Watts) | 2700 |
| Output kW Capacity (kW) | 2.7 |
| Output Capacity Details | <p>DE-RATING INFORMATION: Max output in Frequency Conversion mode is reduced to 1890 watts for 208/220/230/240V output voltages; Max output is reduced to 2160W at 200V output voltage in all operating modes</p> <p>OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% for 3 minutes, 150% for 30 seconds and >150% for 0.5 seconds before switching to BYPASS (when bypass input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when bypass input voltage or frequency are OUTSIDE bypass limits).</p> |
| Power Factor | 0.9 |
| Crest Factor | 3:1 |
| Nominal Output Voltage(s) Supported | 200V; 208V; 220V; 230V; 240V |
| Nominal Voltage Details | Nominal output voltage is user configured on first power-on |
| Frequency Compatibility | 50 / 60 Hz; Supports 50 to 60 Hz and 60 to 50 Hz conversion |
| Frequency Compatibility Details | Output frequency matches input nominal on startup; Output capacity de-rates by 30% during frequency conversion operation |
| Output Voltage Regulation (Line Mode) | +/- 2% |
| Output Voltage Regulation (Economy Line Mode) | +/- 10% |



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| Output Voltage Regulation (Battery Mode) | +/- 2% |
| Output Receptacles | (6) 6-15/20R; (2) L6-20R |
| Load Management Receptacles | Two switchable outlet load banks (2 NEMA 6-15/20R outlets per bank) |
| Output AC Waveform (AC Mode) | Pure Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| INPUT | |
| Rated input current (Maximum Load) | 14.97A |
| Nominal Input Voltage(s) Supported | 200V AC; 208V AC; 220V AC; 230V AC; 240V AC |
| UPS Input Connection Type | L6-20P |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 208/240V 20A |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 5 min. (2700w) |
| Half Load Runtime (min.) | 13.5 min. (1350w) |
| Expandable Battery Runtime | Supports extended runtime with optional external battery packs |
| External Battery Pack Compatibility | BP72V15-2U (limit 1); BP72V28RT-3U (multi-pack compatible); BP72V18-2US (multi-pack compatible) |
| DC System Voltage (VDC) | 72 |
| Battery Recharge Rate (Included Batteries) | 3.0 hours from 10% to 90% (typical, full load discharge) |
| Internal UPS Replacement Battery Cartridge | RBC72S |
| Battery Access | Front panel battery access door |
| Battery Replacement Description | Hot-swappable, replaceable batteries |
| Expandable Runtime | Yes |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Online, double-conversion power conditioning |
| Overvoltage Correction | 2% output voltage regulation during overvoltages to 288 |
| Undervoltage Correction | 2% output voltage regulation during undervoltages to 160V (100% load), 130V (70% load), 100V (30% load) |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Interactive front-panel LCD interface reports UPS operating mode, detailed UPS status and site-power information; LCD interface also enables a variety of advanced UPS setup and configuration options |



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| Switches | 5 front panel switches: On/Off, Up, Down and Escape |
| Alarm Cancel Operation | Power-fail alarm can be silenced by following on-screen prompts |
| Audible Alarm | Audible alarm indicates power failure, low battery, overload and fault |
| LED Indicators | 4 front panel LEDs: AC input (green), AC output (green), Battery (yellow), Fault (red) |
| SURGE / NOISE SUPPRESSION | |
| UPS Dataline Suppression Details | Single line dialup / network dataline protection included |
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Joule Rating | 570 |
| AC Suppression Response Time | Instantaneous |
| PHYSICAL | |
| Included Mounting Accessory Description | 4 post installation accessories included |
| Installation Form Factors Supported with Included Accessories | 4 post 19 inch rackmount |
| Installation Form Factors Supported with Optional Accessories | 2 post rackmount(2POSTRMKITWM) |
| Optional Mounting Accessory Notes | Upright tower configurations not recommended |
| Primary Form Factor | Rackmount |
| UPS Power Module Dimensions (hwd, in.) | 3.46 x 17.24 x 24.25 |
| UPS Power Module Dimensions (hwd, cm) | 8.79 x 43.79 x 61.60 |
| Rack Height (U Spaces) | 2 |
| Minimum Required Rack Depth (inches) | 35.3 |
| Minimum Required Rack Depth (cm) | 89.66 |
| UPS Power Module Weight (lbs.) | 70.81 |
| UPS Power Module Weight (kg) | 32.12 |
| UPS Shipping Dimensions (hwd / in.) | 9.45 x 23.62 x 29.92 |
| UPS Shipping Dimensions (hwd / cm) | 24.00 x 59.99 x 76.00 |
| Shipping Weight (lbs.) | 86.02 |
| Shipping Weight (kg) | 39.1 |
| Cooling Method | Fan |
| UPS Housing Material | Metal |
| Minimum Required Rack Depth (mm) | 897 |
| Primary UPS Height (mm) | 88 |



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| Primary UPS Width (mm) | 438 |
| Primary UPS Depth (mm) | 616 |
| Shipping Height (mm) | 240 |
| Shipping Width (mm) | 600 |
| Shipping Depth (mm) | 760 |
| 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 | 5 to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 933 |
| AC Economy Mode BTU / Hr. (Full Load) | 484 |
| Battery Mode BTU / Hr. (Full Load) | 1399 |
| AC Mode Efficiency Rating (100% Load) | >90% |
| AC Economy Mode Efficiency Rating (100% Load) | >95% |
| Audible Noise | <50dB at front side 1M |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled); DB9 Serial; Contact closure; EPO (emergency power off); Slot for SNMP/Web interface |
| Network Monitoring Port Description | This model works with optional SNMPWEBCARD SNMP/Web interface; Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 plus assignable contact closure pin functions for On-battery, On bypass, Output-on and Low-battery conditions and remote Shutdown, Output-off, Reboot and Power-toggle operations |
| PowerAlert Software | Available for download at www.tripplite.com |
| Communications Cable | USB and DB9 cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| LINE / BATTERY TRANSFER | |
| Transfer Time | No transfer time (0 ms.) in online, double-conversion mode; 4 ms. transfer time during economy mode operation |
| Low Voltage Transfer to Battery Power (Setpoint) | 160V (100% load), 140V (66% load), 120V (33% load) |
| High Voltage Transfer to Battery Power (Setpoint) | 288V |
| SPECIAL FEATURES | |
| Grounding Lug | Back panel grounding lug included |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |



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| High Availability UPS Features | Automatic inverter bypass; Hot swappable batteries |
| Green Energy-Saving Features | High efficiency economy mode operation; Individually controllable load banks |
| CERTIFICATIONS | |
| UPS Certifications | ENERGY STAR Qualified; Meets FCC Part 15 Category A (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

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