

SOLA 520 Rackmount 750VA - 2250VA Uninterruptible Power Systems

Intranet ready pure Sine-wave power protection for network computing

Built To Protect:

- > Corporate servers
- > Departmental servers
- > UNIX servers/workstations
- > Hubs/routers/gateways/bridges
- > CAD/CAM/CAE workstations
- > Network workstations
- > Small business servers
- > Telecommunications equipment



CheckUPS® II software and cable are provided for a complete power management solution.

Intranet ready pure Sine-wave power protection for Network Computing

Network and communication equipment is often rackmounted to save space and to be close to the necessary services. SOLA has created a specific rackmount version of the SOLA 520, to protect your valuable equipment and data.

All of the features of the 520 are carried through to the rackmount version. The SOLA 520 Rackmount regulates the mains voltage, preventing the harmful effects of undervoltage, overvoltage, spikes and lightning and conserving battery power for when you need it most - during a power outage.

Each network is unique in layout, size configuration and power requirements. SOLA 520 Rackmount gives you choices in ratings, voltages and frequency - you select the one which best fits your network's power protection requirements.

Features and Benefits

- ❖ **Advanced Power Integrity and Management**
SOLA 520 protects server and network applications from spikes, sags, surges, noise, lightning and blackouts.
- ❖ **Network Transient Voltage Surge Suppression (TVSS)**
TVSS protects network connections.
- ❖ **BestSelect™ - User Programmable Voltage Switch Points**
This allows you to customise the power of advanced voltage regulation to your specific application.
- ❖ **Enhanced Recharge Time**
Enhanced recharge time helps ensure that your equipment has continuous power.
- ❖ **Self Diagnostics**
Built in self diagnostic routines help prevent power related data corruption or loss.
- ❖ **Multiple Australian Sockets**
The use of Australian outlet sockets eliminates the need for messy adaptors.
- ❖ **Smooth Sine-wave Output**
Ideal for sensitive and mission-critical equipment that requires pure, continuous power.
- ❖ **BestDock™ Communications Slot**
Add optional BestLink™ adaptor for HTTP/SNMP communication, monitoring and control over your Intranet or even over the Internet.
- ❖ **PowerSteady™ Voltage Regulation**
This provides maximum system availability and allows you to ride out under and over voltages without draining the battery.
- ❖ **Hot-Swappable Batteries**
User replaceable and hot swappable batteries offer reduced maintenance and service costs.
- ❖ **Easy Installation**
Windows 95/98 Plug and Play allows easy installation.
- ❖ **2 Year Warranty**
Full two year warranty. Optional Extended Warranty and Service Plans available.

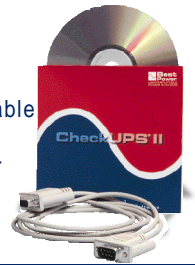


SOLA 520 Rackmount

UNINTERRUPTIBLE POWER SYSTEMS

Power protection for corporate servers, departmental servers, UNIX servers/workstations, hubs/routers/gateways/bridges, CAD/CAM/CAE workstations, network workstations, small business servers and PCs.

CheckUPS II software and cable provided for a complete power management solution.



| MODEL | 520-0750RA | 520-1050RA | 520-1425RA | 520-1800RA | 520-2250RA | | | | | | | | | | |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|------------|------------|-------------|-------------------|------|------|-----|------|------|------|------|------|------|
| Capacity | VA | 750 | 1050 | 1425 | 1800 | 2250 | | | | | | | | | |
| | Watts | 450 | 670 | 950 | 1280 | 1600 | | | | | | | | | |
| Dimensions | HxWxD (mm) | 88X483X457 | | | 133X483X457 | | | | | | | | | | |
| Mass with internal batteries | kg | 21 | 27 | 30 | 43 | 43 | | | | | | | | | |
| Input Connection | | IEC C14 connector | | | | IEC C20 connector | | | | | | | | | |
| Output Receptacle Quantity | | 3 | 4 | 4 | 4 | 4 | | | | | | | | | |
| Output Receptacle Type | | Australian 10A | | | | | | | | | | | | | |
| Runtimes for Typical Applications in minutes | | | | | | | | | | | | | | | |
| Load (VA) | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 750 | 900 | 1050 | 1250 | 1425 | 1500 | 1800 | 2250 |
| 2250VA | 204 | 160 | 126 | 95 | 68 | 55 | 43 | 34 | 27 | 21 | 16 | 13 | 12 | 8.5 | 6 |
| 1800VA | 204 | 160 | 126 | 95 | 68 | 55 | 43 | 35 | 26 | 21 | 17 | 13 | 12 | 9 | - |
| 1425VA | 159 | 142 | 100 | 63 | 44 | 37 | 29 | 21 | 16 | 13 | 10 | 8 | - | - | - |
| 1050VA | 122 | 112 | 64 | 42 | 32 | 22.5 | 18 | 13.5 | 10 | 8 | - | - | - | - | - |
| 750VA | 105 | 80 | 41 | 28 | 18 | 14 | 10.5 | 8 | - | - | - | - | - | - | - |
| OPERATION | | | | | | | | | | | | | | | |
| Nominal Input Voltage | 240 VAC Single Phase (220 and 230 volt options, user-selectable) | | | | | | | | | | | | | | |
| Input Voltage Range (for on-line operation) | 197 to 283 VAC nominal (up to 178 to 283 VAC, user-selectable) | | | | | | | | | | | | | | |
| Operating Frequency (on-line) | 50/60 Hz \pm 5Hz, autosensing | | | | | | | | | | | | | | |
| Nominal Output Voltage | 240VAC Single Phase (220 and 230 volt options, user-selectable) | | | | | | | | | | | | | | |
| Output Voltage Regulation (on-line) | Nominal +6%, -8% (at Factory default setting) | | | | | | | | | | | | | | |
| Overload Capacity (% of rated load) | Line: 110% for 5 minutes, 200% for 2 cycles Inverter: 110% for 30 seconds, 120% for 5 cycles, 150% for 1 cycle | | | | | | | | | | | | | | |
| Transfer Time | Within CBEMA limits, undetected by modern computer loads | | | | | | | | | | | | | | |
| On-Battery Voltage | 240 VAC \pm 7% (220volt and 230volt options, user-selectable) | | | | | | | | | | | | | | |
| Operating Frequency (on battery) | 50/60 Hz \pm 0.5 Hz, autosensing | | | | | | | | | | | | | | |
| Output Voltage Waveform | Sine wave | | | | | | | | | | | | | | |
| Output Protection | Automatic over current and over voltage protection | | | | | | | | | | | | | | |
| Input Protection | Circuit breaker | | | | | | | | | | | | | | |
| Recharge Time | 3 hours to 95% | | | | | | | | | | | | | | |
| Lightning & Surge Protection | Tested to ANSI/IEEE C62.41 categories A & B | | | | | | | | | | | | | | |
| Efficiency | >95% on nominal line | | | | | | | | | | | | | | |
| Safety Certification | AS3260, IEC950 | | | | | | | | | | | | | | |
| EMI Compliance | AS3548 Class B, EN55022, EC EMC Directive, C-Tick Compliant | | | | | | | | | | | | | | |
| Communications | BestDock™ slot. DB9 female with RS-232 communications and contact closure | | | | | | | | | | | | | | |
| Indicators | Buck/Boost status, Battery Status, Load Level, Battery discharge level, Alarms (shutdown, battery test fail) | | | | | | | | | | | | | | |
| Audible Alarms | Battery discharge, Low battery, Overload, Battery replacement needed, UPS fail | | | | | | | | | | | | | | |
| ENVIRONMENTAL | | | | | | | | | | | | | | | |
| Operating Temperature | 0°C to 40°C | | | | | | | | | | | | | | |
| Storage Temperature | 0°C to 45°C | | | | | | | | | | | | | | |
| Relative Humidity | 0 - 95% non condensing | | | | | | | | | | | | | | |
| Audible Noise at 1 Metre | < 45dBA at 1 metre | | | | | | | | | | | | | | |
| Altitude | 3000m without derating | | | | | | | | | | | | | | |

All specifications subject to change without notice.

E & O E

SOLA Australia Ltd

ACN 004 439 178
Melbourne - Head Office 13 Healey Road, Dandenong, Vic 3175 Ph: 61-3-9706 5022 Fax: 61-3-9794 9150
National Service and Repair Centre Ph: 1 800 034 401 Free Call (except Melbourne) Ph: 9768 3105 (Melbourne only)
SOLA Home Page address... www.solaaust.com.au



Customer Service Office Locations

| | | | | |
|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|
| Adelaide Ph: 08-8347 3622 Fax: 08-8445 6328 | Brisbane Ph: 07-3891 1211 Fax: 07-3891 2492 | Melbourne Ph: 03-9706 5662 Fax: 03-9794 9150 | Perth Ph: 08-9478 3511 Fax: 08-9479 4577 | Sydney Ph: 02-9949 6000 Fax: 02-9907 9802 |
|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|

SOLA

A **East Power** Company

SOLA Never Stops Innovating

Printed in Australia SOLADTP: 520RM/BROCH/799