

SOLA 520 750VA - 2250VA Uninterruptible Power Systems

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
- > Personal Computers



SOLA 520 provides Pure, Sine-wave power protection for Network Computing

Networks are the nerve centre of modern business. Like the real life central nervous system, networks require an unimpeded flow of impulses to work efficiently. That means clean, reliable, uninterruptible power. SOLA Australia has built the SOLA 520 to provide the clean and reliable power required to keep the nerve centre of your business operations - your network - up and running.

The SOLA 520 regulates the mains voltage, preventing the harmful effects of undervoltage, overvoltage, spikes and lightning, conserving battery power for when you need it most - during a power outage.

SOLA 520 is one of the most reliable in its class. With built in self-diagnostic routines you are able to spot, diagnose and respond to power problems as they occur. This helps safeguard your equipment against premature breakdown, and your data against power related corruption or loss. The SOLA 520 Mean Time Between Failure (MTBF), measured at over 280,000 hours, is the highest in its class.

A comprehensive range of SOLA connectivity solutions allows the SOLA 520 to become an integral part of your system and control its operation when you require.

Each network is unique in layout, size configuration and power requirements. SOLA 520 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 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		520-0750A	520-1050A	520-1425A	520-1800A	520-2250A									
Capacity	VA	750	1050	1425	1800	2250									
	Watts	450	670	950	1280	1600									
Dimensions	HxWxD (mm)	178x140x365	227x172x454		336x194x511										
Mass with internal batteries	kg	14	22	25	40	40									
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 167 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



A Best Power Company