

SOLA 625

700 - 6000VA

NEW

UNINTERRUPTIBLE POWER SYSTEMS



Online double conversion UPS for mission critical applications:

Typical applications: Single, centralised servers
Automation systems
Security equipment
Critical applications
Off Grid applications

Double conversion Online technology

The SOLA 625 UPS delivers the ultimate protection for your critical loads. The innovative design includes a built-in Automatic Bypass Circuit to ensure mission-critical loads remain powered in case of an overload or UPS failure.

User friendly, informative LCD display

The revolutionary SOLA 625 includes a user friendly LCD that is normally only found on considerably larger UPS systems. The LCD display panel makes it extremely easy to configure your UPS to fit your application. In addition, the SOLA 625 has the capacity to monitor your equipment using different tests.

Cell Saver® Technology

The SOLA 625 increases the life of your overall UPS investment by incorporating Cell Saver® technology to condition power during brownouts and sags without using the battery. A unique three stage charging technique increases battery life by up to 50%, optimises recharge time and provides up to a 60 day advanced notification of the end of useful battery life.

Extended runtimes

Every model of the SOLA 625 (700-6000VA) has the capacity to add external battery cabinets to extend backup time. By adding battery cabinets you can easily build up a system with a backup time of several hours.

Advanced communications slot

In addition to the standard RS232 and USB port, the SOLA 625 is fitted with an Advanced Communications Slot. Two expansion cards are available:

- SNMP/WEB Card, which provides both SNMP or HTTP compatibility between a SOLA 625 and an Ethernet
 - AS400 card with true voltage free contacts.
- with others soon to follow

Bundled with shutdown software

UPS Management shutdown software monitors the UPS and in the event of an extended power failure shuts down the computer network in an orderly manner, preventing data loss and corruption.

Hot swappable batteries

User friendly battery replacement ensures reduced maintenance and service costs. In addition, advanced notification for battery replacement is available with the Cell Saver® battery management feature.



Software Suite and cable provided for a complete power management solution.

SOLA Never Stops Innovating

SOLA

www.solaaust.com.au

UNINTERRUPTIBLE POWER SYSTEMS

RATING	700VA	1000VA	1500VA	2000VA	3000VA	6000VA
Part Number	06250700A	06251000A	06251500A	06252000A	06253000A	06256000A
Capacity (VA/Watts)	700/490	1000/700	1500/1050	2000/1400	3000/2100	6000/4200
Dimensions H x W x D (mm)	240x155x410	240x155x410	275x170x445	365x215x470	365x215x470	574x290x630
Weight (kg)	13	15	20	37	38	90
Input Connection	IEC C14 10A	IEC C14 10A	IEC C14 10A	IEC C14 10A	IEC C20 16A	Hardwired
Output Connection	Aust 10A x4	Aust 10A x4	Aust 10A x4	Aust 10A x5	Aust 15A x5	Hardwired
Typical Runtime: (Full Load)	8 min	8 min	7 min	14 min	8 min	7
(Half Load)	20 min	21 min	20 min	30 min	20 min	18
Operational						
Nominal Input Voltage (VAC)	220/230/240VAC					
Input Voltage Range	120/140/160-276VAC					
Input Power Factor	>0.97					
Input Current THD	<10%, AS/NZS 61000-3-2 Compliant					
Operating Frequency	50/60Hz auto sensing (\pm 3Hz, adjustable)					
Nominal Output Voltage	208, 220, 230, 240 VAC (User Selectable)					
Output Voltage Regulation	\pm 2% online; \pm 3% on battery mode					
Output Voltage Waveform	Sine wave					
Output Voltage THD	<3% THD (linear loads)					
Overload Capacity	Up to 125% for 1 minute, 125-150% for 10 sec					
Recharge Time	3 Hours, typical					
Lightning & Surge Protection	ANSI/IEEE C62.41 (1991); ANSI/IEEE C62.45 (1987) Category B.					
Efficiency	>86% (700VA); >88% 1000-6000VA (Online mode) > 90% (700VA); >93% 1000-6000VA (High efficiency mode)					
Safety Certification	AS/NZS 3260					
EMC Emissions	AS/NZS 2064, AS/NZS 3548, C-Tick Marked					
EMC Immunities	AS/NZS 61000-4-2, -3, -4, -5 Compliant					
Other Standards	ISO9000 and Year 2000 compliant					
Communication						
LCD Display	Comprehensive display of UPS values and settings					
LED	Three LED's: UPS On, UPS on Battery, Alarm					
Communication Port	RS-232 and USB as standard on all models					
Communications Slot	Connectivity slot for SNMP/Web card and relay card					
Environmental						
Operating Temperature	0 to +40°C					
Storage Temperature *	-15 to +40°C					
Relative Humidity	0 - 95% non-condensing					
Audible Noise at One Metre	<45 dBA			<50 dBA		
Altitude	3,000m without derating.					

Specifications are subject to change without notice.

E. & O. E.

Additional Product Highlights

- ◆ Cell Saver® Battery Management
- ◆ Load segment control
- ◆ Network surge suppressor
- ◆ External bypass switch inverter interlock feature
- ◆ 2 Year Warranty
- ◆ User Selectable High Efficiency Mode
- ◆ User Replaceable/Hot Swappable Batteries

Available Options

- ◆ ConnectUPS BD SNMP/Web card
- ◆ AS/400 Alarm Card
- ◆ External Maintenance Bypass Switches
- ◆ Extended Battery Packs
- ◆ Long Life Battery Options
- ◆ Frequency converter model available

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