



**AST**Modular

PRODUCTS

## A-SERIES UPS

The TRULY Green power solution

A feature-rich, high quality solution for protecting your mission critical applications at the same cost of traditional legacy market solutions



A-Series Server

Any business with servers, computers and networking equipment will be reliant on a consistent supply of clean, non-interrupted power, and today that need includes the use of energy efficient green solutions to also meet operational and changing business needs.

Let AST's Uninterruptible Power Supply (UPS) protect your data and equipment against all known power failures and support your basic power protection needs.

### FEATURES

AST's A-Series includes five 1-phase UPS built for standalone and standard 19 inch racks – suitable for all businesses whatever their size and requirements.

- Online double-conversion power protection for servers, networks, and more
- Form factor specially designed for rack or tower right out of the box
- Power Range 1-10KVA: 1kVA (A1), 2kVA(A2), 3kVA (A3), 5kVA (A5) and 10kVA (A10)
- RoHS and WEEE compliance
- CE certificate
- High input power factor and wide input voltage range
- Compact form factor
- User-friendly, adjustable LED display and control panel
- Comprehensive UPS management software with remote power
- S232 series port interface and communication card slot
- SNMP port with advanced monitoring software (A1 does not include adapter)
- 2-year customer warranty with rapid product swap

### IDEAL FOR



IT



Small/Medium-sized Businesses



Security & Industrial Processing Environments



Professionals (personal data storage, small IT room, etc.)



### TECHNICAL SPECIFICATIONS

Produkt information	AST A1 On-Line UPS 1kVA-700W	AST A2 On-Line UPS 2kVA-1400W	AST A3 On-Line UPS 3kVA-2100W	AST A5 On-Line UPS 5kVA-3500W	AST A10 On-Line UPS 10kVA-7000W
UPS technology	On-Line Double Conversion	On-Line Double Conversion	On-Line Double Conversion	On-Line Double Conversion	On-Line Double Conversion
UPS form factor	UPS - tower and/or rackmount	UPS - tower and/or rackmount	UPS - tower and/or rackmount	UPS - tower and/or rackmount	UPS - tower and/or rackmount
Height in rack	2U	2U - (6U with battery cabinet)	3U - (7U with battery cabinet)	3U - (7U with battery cabinet)	5U - (11U with battery cabinet)
Width	44 cm	44 cm	44 cm	44 cm	44 cm
Depth	50 cm	50 cm	70 cm	70 cm	67 cm
Height	9 cm	9 cm	13 cm	13 cm	22 cm
Weight	15 kg	11 kg	17 kg	17 kg	35kg
Weight with battery cabinet	15kg, built in, one unit	44 kg	73 kg	73 kg	95 kg
<b>Power</b>					
Input power	AC 230V	AC 230V	AC 230V	AC 230V	AC 400V - 3 phase
Fuse size, slow fuse	10Amp	10Amp	16Amp	32Amp	63Amp
Frequency (Hz)	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power outlets	6 x power IEC 320 C13	6 x powe IEC 320 C13	6 x power IEC 320 C13, 2 x power IEC 320 C19	6 x power IEC 320 C13, 2 x power IEC 320 C19	4 x power IEC 320 C13, 4 x power IEC 320 C19
Power capacity	1000 VA - 700W	2000 VA - 1400W	3000 VA - 2100W	5000 VA - 3500W	10000 VA - 7000W
Power output	Sinus curve	Sinus curve	Sinus curve	Sinus curve	Sinus curve
Battery cabinet external	N/A	Included	Included	Included	2 x external battery cabinets (each 30 kg) included
Height in rack	N/A	4U	4U	4U	3U (x2)
Width	N/A	44 cm	44 cm	44 cm	44 cm
Depth	N/A	46 cm	46 cm	46 cm	50 cm
Height	N/A	18 cm	18 cm	18 cm	14 cm
Weigth	N/A	33 kg	56 kg	56 kg	60 kg
Battery technology	lead / acid	lead / acid	lead / acid	lead / acid	lead / acid
Runtime at 100% load	5 minutes	5 minutes	20 minutes	7 minutes	3 minutes
Runtime at 50% load	15 minutes	15 minutes	50 minutes	20 minutes	10 minutes
<b>Software</b>					
Remote control /protocol	SNMP, WEB interface, software MS and Linux incl.	WEB interface, software included MS, Linux	WEB interface, software included MS, Linux	WEB interface, software included MS, Linux	WEB interface, software included MS, Linux
Shutdown sw RS232	MS, Linux, Mac, Novell support	MS, Linux, Mac, Novell support	MS, Linux, Mac, Novell support	MS, Linux, Mac, Novell support	MS, Linux, Mac, Novell support
Various					
Attachment	RS-232 & USB	RS-232 & USB	RS-232 & USB	RS-232 & USB	RS-232 & USB
Cables included	1 serial cable, 2 pcs C13 to C14 cables, power cable	1 serial cable, 2 pcs C13 to C14 cables, power cable	1 serial cable, 2 pcs C13 to C14 cables, power cable	1 serial cable, 2 pcs C13 to C14 cables	1 serial cable, 2 pcs C13 to C14 cables
Rack mountingkit	Included	Included	Included	Included	Included
Certifications	CE certified, RoHS and WEEE	CE certified, RoHS and WEEE	CE certified, RoHS and WEEE	CE certified, RoHS and WEEE	CE certified, RoHS and WEEE
Installation by electrician	N/A	N/A	N/A	Must be installed by electrician	Must be installed by electrician
<b>Environment</b>					
Frequency noise dB	< 45	< 45	< 65	< 65	< 65
Min. running temperature	0 °C	0 °C	0 °C	0 °C	0 °C
Max. Running temperature *)	40 °C	40 °C	40 °C	40 °C	40 °C
Humidity during use **)	0 - 95%	0 - 95%	0 - 95%	0 - 95%	0 - 95%
*) Optimal temperature is 21 °C with regards to the batteries, temperatures below 10° and above 21 ° may impact warranty **) Optimal relative humidity is between 45% and 55% to ensure longest system lifespan					