



**We are
behind the Power**

UPS | **Uninterruptible
POWER SUPPLY**

CATALOG

WWW.AECUPS.COM



SERIES - IST1

600 - 1500 VA

UPS LINE

INTERACTIVE



1:1
PHASE

The new IST1 UPS family available from this year has been developed in order to provide the best quality/price ratio in a market segment mostly dedicated to private users and/or small enterprises for computers protection.

The IST1 UPS is a simple user-friendly product, exceptionally robust and dramatically competitive.

- **LINE INTERACTIVE WITH RESPONSE TIME <6 MSEC;**
- **WIDE INPUT VOLTAGE TOLERANCE;**
- **MANUAL START BY BATTERIES;**
- **DIGITAL CONTROL OF THE BATTERIES;**
- **SMD BOARDS TECHNOLOGY;**
- **LIGHTNING AND HF INTERFERENCE;**
- **SHORT-CIRCUIT PROTECTION;**
- **PROTECTED ELECTRONICS;**
- **ACOUSTIC ALARM.**

APPLICATIONS



HOME/OFFICE



GUARANTEED PROTECTION

The IST1 UPS adopts the digital on-line technology, with the load normally fed by the mains, controlled and stabilised by the internal AVR; when mains fail, the Inverter comes up and guarantees uninterrupted energy to the load protected.

TECHNICAL SPECIFICATIONS

MODELS	IST1060	IST1080	IST1100	IST1150
NOMINAL POWER	600VA/400W	800VA/510W	1000VA/600W	1500VA/900W

INPUT

VOLTAGE	from 165 to 275 Vac
FREQUENCY	40 ~ 70Hz

OUTPUT

VOLTAGE	220VAC±15% ±3% battery mode
MAX RANGE VOLTAGE	15,00%
FREQUENCY	46 ~ 54Hz
FREQUENCY BATTERY MODE	50 ± 0.5 Hz
OVERLOAD	Automatic protection > 150%
TRANSFER TIME	< 6ms

BATTERIES

TYPE	Sealed lead acid			
NUMBER OF BATTERIES	1x12V 7Ah	1x12V 9Ah	2x12V 7Ah	2x12V 9Ah
BACK UP TIME	5 min	5 min	5 min	5 min
RECHARGING TIME UP TO 90 %	< 10 hours			

ALARMS

BATTERY MODE	Buzzer long
LOW BATTERY	Buzzer continuous
OVERLOAD	Buzzer short

DIMENSIONS and WEIGHT

W×D×H (MM)	100 x 287 x 142	100 x 287 x 142	146 x 397 x 205	146 x 397 x 205
NET WITH BATTERIES (KG)	4,5	5	8	11

ENVIRONMENT

TEMPERATURE	-5 ~ +40° C
HUMIDITY	< 90%
NOISE	<45dBA @ 1 mt

ALL INFORMATIONS CONTAINED IN THIS BROCHURE ARE PURELY INDICATIVE AND CANNOT BE USED TO FORM ANY CONTRACTUAL OBLIGATIONS. SPECIFICATIONS OR DESIGNS CAN BE CHANGED AT ANYTIME WITHOUT NOTICE.



1. Input;
2. Output;
3. Fan;
4. Power button;
5. Warning lights.



Uninterruptible **Power Supply**

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CONTACTS

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