

POWERUPS



IST1 (600 – 1500VA)

HIGHLIGHTS

- UPS Line interactive (adopting the VI - Voltage Independent scheme according to the CEI EN 62040-3 Standard)
- Filtered and stabilised power supply (AVR)
- Wide range of powers from 600VA to 1500VA
- Response time <6 msec;
- Wide input voltage tolerance
- Manual start by batteries
- Protected electronics
- Digital control of the batteries
- Lightning and hf interference protection
- Short-circuits protection
- Acoustic alarm
- Compact design, silent, easy to use.

UPSs of the IST1 series are available in a power range from 600VA to 1500VA.

IST1 Uninterruptible Power Supplies use **digital online** technology, with the load generally fed by a network that is controlled, filtered and stabilised by an internal stabiliser. When the network is missing, the inverter ensures a **stable and clean supply** of the protected loads without interruption, intervening in a few milliseconds.

They shall be equipped with a light-signalling device which allows an easy interpretation of the main operating information.

IST1 UPSs are ideal for small household or office electronics.

POWERUPS

TECHNICAL SPECIFICATIONS

MODELS	IST1060	IST1080	IST1100	IST1150
NOMINAL POWER	600VA/360W	800VA/480W	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
BACKUP 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

WxDxH (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