

POWERUPS



IST3 (1-10kVA)

HIGHLIGHTS

- On-line double conversion to 3 levels
- Tower
- Output power factor up to 1
- Advanced DSP digital control technology
- AC/AC efficiency up to 95.5%
- Low Input Harmonic, THD% <3%
- Large HD screen
- Wide range of input
- Self-selection of the input frequency (50 /60Hz)
- Warning and protection functions
- Standard communication: RS232 and USB
- Optional communication: SNMP, potential free contact card, remote EPO
- Significant energy and cost savings

UPSs of the series IST3 are available with single-phase input and output voltage, in a range of power from 1kVA/KW to 10kVA/kW.

For higher ranges, IST3 UPSs are available in models with internal batteries or combined with external battery cabinets. The 6kVA and 10kVA Uninterruptible Power Supplies include the manual bypass disconnect for proper maintenance and have flexible battery configurations.

IST3 Uninterruptible Power Supplies provide **excellent performances** but at the same time lead to significant energy savings and consequently **significant cost savings**.

They use **digital control** technology that allows rapid data processing and quick self-diagnosis of faults. Multiple modes to control the speed of the fans, prolong their lifespan and improve their efficiency.

POWERUPS

TECHNICAL SPECIFICATIONS

MODELS	IST3010 IST3010-L	IST3020 IST3020-L	IST3030 IST3030-L	IST3060 IST3060-L	IST3100 IST3100-L
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INPUT

VOLTAGE (VAC)	120~295	80~275
FREQUENCY (HZ)	50/60 ± 10% (50/60Hz auto-sensing)	
POWER FACTOR	≥0.99	
THD	<3%	

OUTPUT

CAPACITY (WATT)	1000	2000	3000	6000	10000
MAX. AC/AC EFFICIENCY	92,00%	93,00%	94,00%	95,5%	
POWER FACTOR	0.9 (1.0 optional)				
VOLTAGE (VAC)	208/220/230/240±1% (selectable on display panel)				
FREQUENCY (HZ)	50/60±0.2% (battery mode)				
THD	THD <2% (linear load); THD <5% (no linear load)			THD <1% (linear load); THD <4% (no linear load)	
OVERLOAD	110% for 2 min. -120% for 1 min.				

BATTERIES

VOLTAGE (VDC)	24 or 36/36	48 or 72/72	72 or 96/96	192/192 ~240
BATT. TYPE	2x9Ah 12V	4x9Ah 12V	6x9Ah 12V	16x9Ah 12V
CHARGER CURRENT (A) MAX.	1-4			1~8

OTHERS

COMMUNICATION INTERFACE	RS232, EPO, USB (slot) (SNMP, RS485+ dry contact are optional in slot)				
LCD DISPLAY	AC input & output voltage, frequency, load level, battery level, temperature; AC mode, battery mode, bypass mode, and fault				
ALARM	Low battery, abnormal AC input, UPS failure, etc.				
PROTECTION	IP21, low battery, overload, short-circuit and over temperature, etc.				
NOISE (DB)	<50	<55			
TEMPERATURE (°C)	-5~40				
RELATIVE HUMIDITY	0 ~ 95%				
DIMENSION (WxDxH) MM	145×360×225	190x400x330		230x502x553/190x422x337 (L)	
WEIGHT (KG)	9.2 or 11.6/4.5	17.7 or 22.4/8.5	22.9 or 27.6/9.2	54.5/10.9	56.2/12.5