

POWERUPS



IST9 (10-20kVA)

HIGHLIGHTS

- Online Double Conversion with 3-level IGBT technology
- Tower or rack
- Up to 4 units connectable in parallel
- Flexible on-site configuration with input/output 1: 1, 3: 1, 3: 3
- Output power factor up to 1
- All-digital control technology with low THD: < 3 %
- 96% Efficiency
- It has communication ports RS485 + EPO
- ECO function
- LCD display
- Compact design and space-saving

UPSs of the series IST9 are available in powers from 10kVA to 20kVA.

IST9 Uninterruptible Power Supplies, using the most **advanced technologies** in the sector, are able to offer the best solution to the global market for all stable and reliable supply requests for critical and sensitive loads.

Due to their extreme **flexibility**, the Uninterruptible Power Supply can be configured comfortably through the display directly on site. The number of batteries and the charging current are also **adjustable**.

The refined and functional **design**, silence, weight and **small size** make this UPS an ideal choice for security in all offices and in environments where users are at risk.

IST9 has been designed to be the most flexible and space-saver UPS systems in the sector. It is possible to change entry and exit settings at your own convenience: Single phase Input/Output — Three phase Input/Output.

The IST9 range is compatible with both Rack and Tower installations for greater **versatility** in the installation.

POWERUPS

TECHNICAL SPECIFICATIONS

MODELS	IST9100	IST9150	IST9200
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INPUT

VOLTAGE (VAC)	80-280 (L-N) / 138-485 (L-L)
FREQUENCY (HZ)	40-70
POWER FACTOR	≥0.99
THD	<3%

OUTPUT

CAPACITY (kVA)	10	15	20
MAX. AC/AC EFFICIENCY	96,00%		
POWER FACTOR	1.0		
VOLTAGE (VAC)	220/230/240 ±1% (L-N) or 380/400/415 ±1% (L-L) (settable)		
FREQUENCY (HZ)	50/60 ±0.1		
THD	THD <2% (linear load), THD <4% (not linear load)		
TRANSFER TIME (MS)	0		
ECO MODE	Yes		
OVERLOAD	115% ~ 130% load for 15mins; 130% ~150% load for 1min; above 150% load for 200ms		

BATTERIES

VOLTAGE (VDC)	±192 (±144~±240 adjustable)
CHARGING CURRENT (A)	4 (1-10 settable)

OTHERS

COMMUNICATION INTERFACE	RS485 + EPO (RS232 + dry contact, SNMP are optional in slot)		
DISPLAY	LCD		
ALARM	Low battery, abnormal AC input, UPS failure, etc.		
PROTECTION	Low battery, overload, short-circuit and over temperature, etc		
NOISE (DB)	<55		
TEMPERATURE (°C)	-5~40		
RELATIVE HUMIDITY	0~95%		
DIMENSION (WxDxH) MM	UPS	438x500x130(3U)	
	Distribution Box	438x500x130(3U)	
WEIGHT (KG)	UPS	20	
	Distribution Box	8	