



**We are
behind the Power**

UPS | **Uninterruptible
POWER SUPPLY**

CATALOG

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SERIES - IST9

10-20 kVA

UPS TOWER-RACK

DOUBLE CONVERSION



kW = kVA

96%
Efficiency

| | | |
|-------|-------|-------|
| 1:1 | 3:1 | 3:3 |
| PHASE | PHASE | PHASE |

Online UPS Rack/Tower Type (10-20kVA).

The IST9 series is the best solution for protecting data centers, IT networks, telecommunications systems, automation control systems and promised afford stable and reliable power supply for the critical load. The IST9 series is available 10-15-20 kVA models with three phase \ single phase input and three phase \ single phases output.

APPLICATIONS



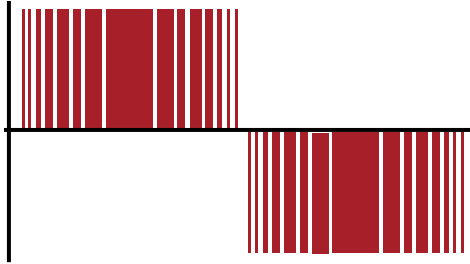
DATA CENTER HOME/OFFICE TRANSPORT INDUSTRY EMERGENCY

- 3 LEVEL IGBT TECHNOLOGY UPS;
- FLEXIBLE CONFIGURATION ON SITE
1:1 3:1 3:3;
- 96% EFFICIENCY;
- OUTPUT POWER FACTOR UP TO 1;
- PARALLELABLE UP TO 4 UNITS;
- RACK-TOWER.

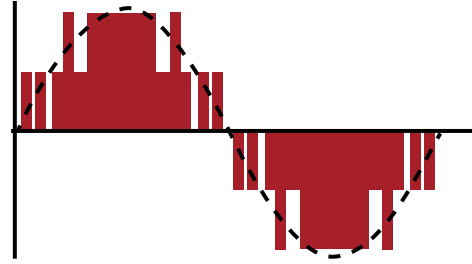


ADVANCED TECHNOLOGY

- Adjustable 33/31/11 input & output configuration;
- Online Double Conversion;
- Fully digital control technology;
- High input power factor up to ≥ 0.996 ;
- High output power factor up to 0.9 (1.0 Optional).



TWO LEVEL OUTPUT VOLTAGE WAVEFORM

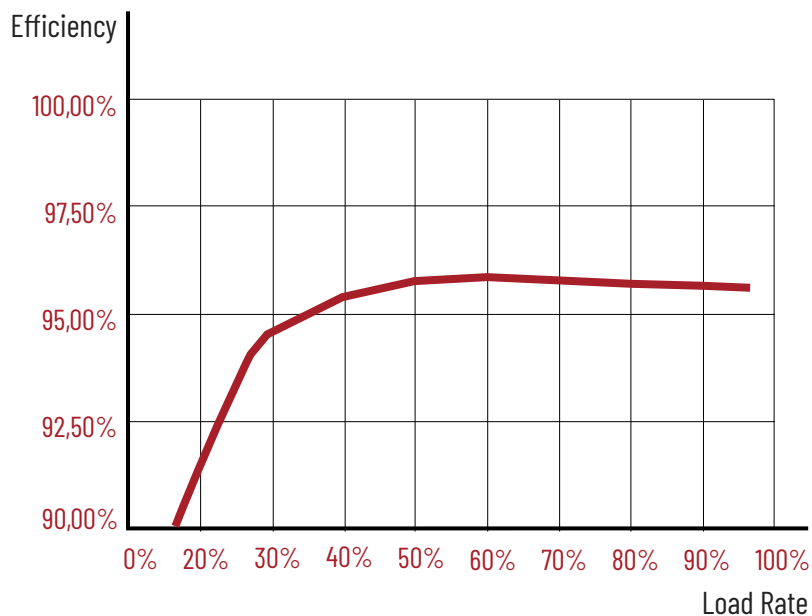


THREE LEVEL OUTPUT VOLTAGE WAVEFORM

GREEN POWER

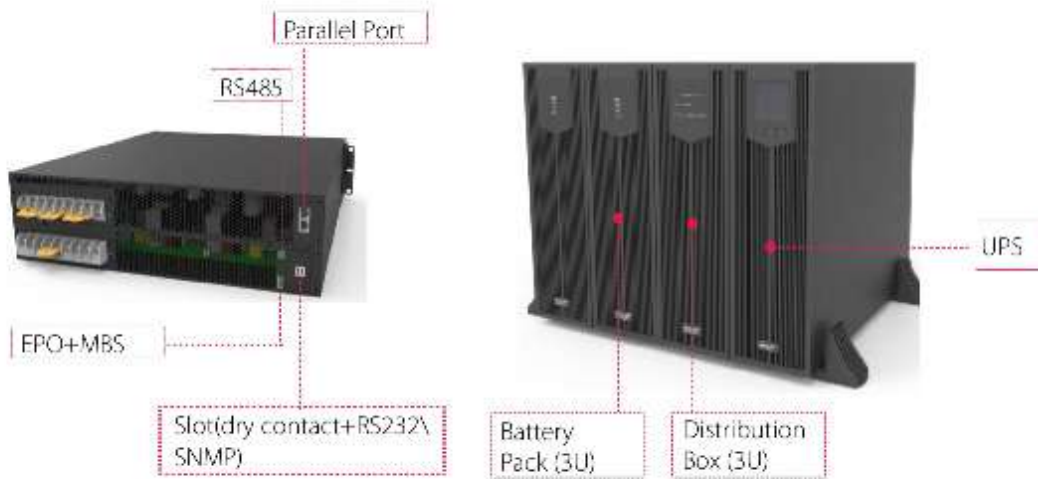


- Low THDi: $< 3\%$;
- High AC/AC efficiency up to 96%;
- Compact dimensions;
- Light weight.



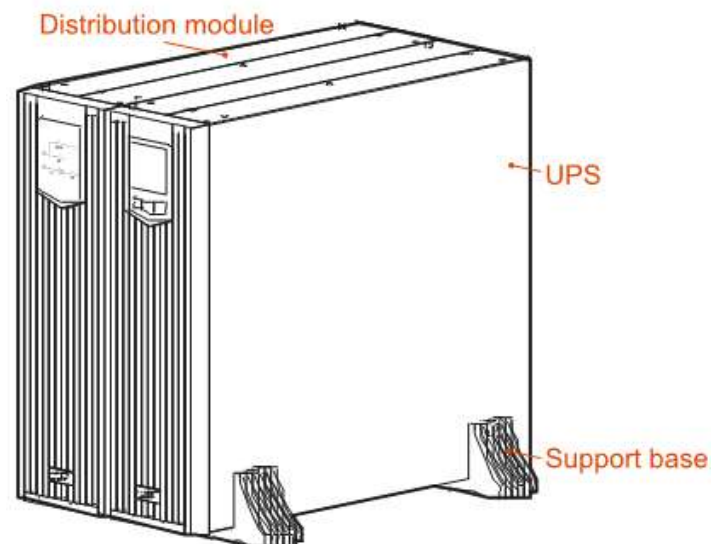
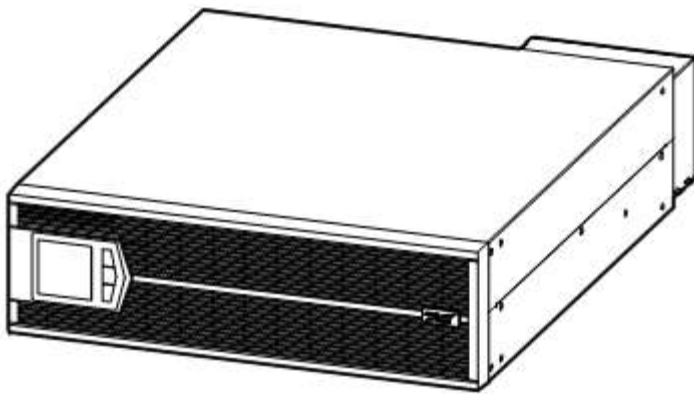
EXCELLENT FLEXIBILITY

- 4 units parallel supported;
- Tower and rack compatible design;
- 24-40 batteries adjustable;
- Max. 10A Charging Current;
- Intelligent RS485+EPO;
- ECO function.



USER FRIENDLY

- Tower and rack compatible design;
- Adjustable battery numbers and charge current;
- Power Distribution Box for easy management.



TECHNICAL SPECIFICATIONS

| MODELS | IST9100 | IST9150 | IST9200 |
|--------------------------|---|-----------------|---------|
| INPUT | | | |
| VOLTAGE (VAC) | 80-280 (L-N) or 138-485 (L-L) | | |
| FREQUENCY (HZ) | 40-70 | | |
| POWER FACTOR | ≥0.99 | | |
| THDI | <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 (battery mode) | | |
| THDV | THD <2% (linear load), THD < 4% (nonlinear 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 | | |
| WORKING TEMPERATURE (°C) | -5~40 | | |
| RELATIVE HUMIDITY | 0 ~ 95% | | |
| DIMENSIONS (W×D×H) MM | UPS | 438×500×130(3U) | |
| | Distribution Box | 438×500×130(3U) | |
| WEIGHT (KG) | UPS | 20 | |
| | Distribution Box | 8 | |

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.



Uninterruptible **Power Supply**

ADDRESS

Via Nerviano, 55
20020 Lainate, Milan - Italy

CONTACTS

Phone: +39 0294158991
E-mail: info@aecups.com

WWW.AECUPS.COM

