



Made in Italy
Since **1968**
UPS
batteries
Italian technology
Global energy
solutions

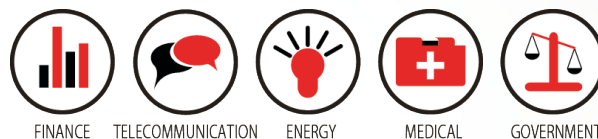


IST3J

SERIES

1 - 10 kVA

ONLINE UPS



FINANCE TELECOMMUNICATION ENERGY MEDICAL GOVERNMENT



DETAILS

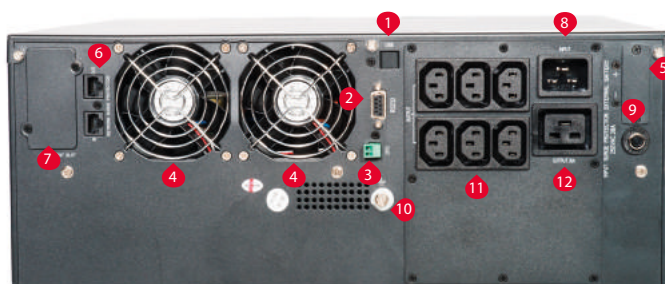
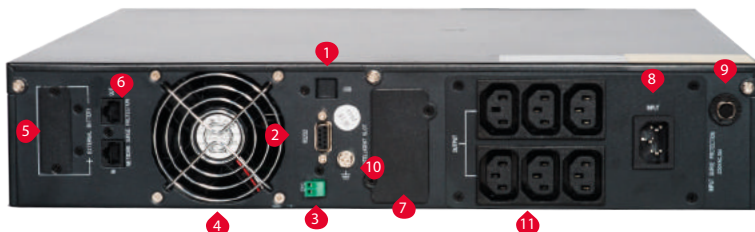
The new series of Uninterruptible Power Supply IST3 J are composed by a huge range of RACK 19" On-Line Double Conversion models, completely digital controlled, suitable to protect different kind of loads, from servers to computers networks, from medical instruments to security and surveillance systems.



- Online double conversion with outgoing cos ϕ of 0.9
- Rack mount 19"
- Wide input voltage tolerance
- Start by batteries
- Digital control batteries
- Lightning and HF interference
- Cooling fans at a controlled rate
- Auto Electronics Protection
- Filter for network / fax / modem
- LCD display complete with all the information
- EMI / RFI
- RS232 port for monitoring software
- PFC technology for harmonic low input



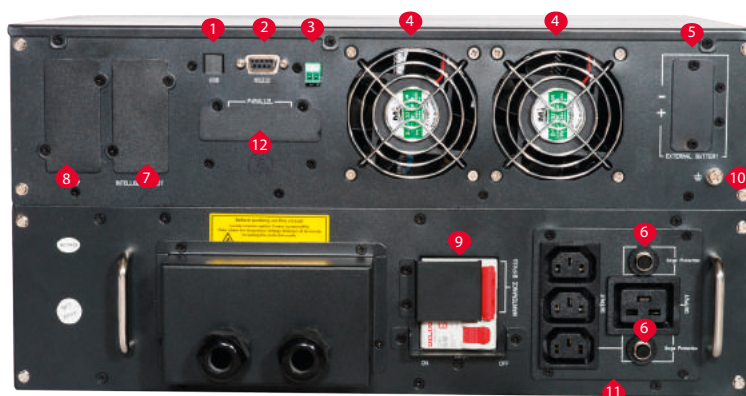
IST3J 1kVA



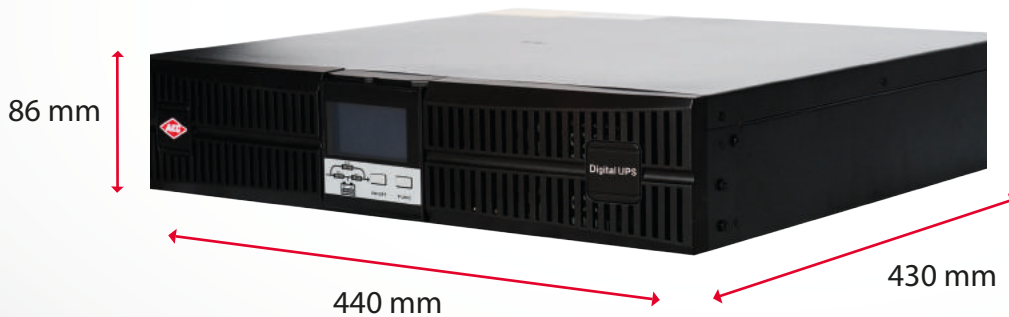
1. USB
2. RS232
3. EPO
4. Fans
5. External battery
6. Network surge protection IN/OUT
7. Intelligent slot
8. Input
9. Input surge protection
10. Ground
11. Output
12. Output 16A

IST3J 2-3kVA

1. USB
2. RS232
3. EPO
4. Fans
5. External battery
6. Network surge protection
7. Intelligent slot
8. SNMP
9. Maintenance bypass
10. Ground
11. Output
12. Parallel



IST3J 6-10kVA

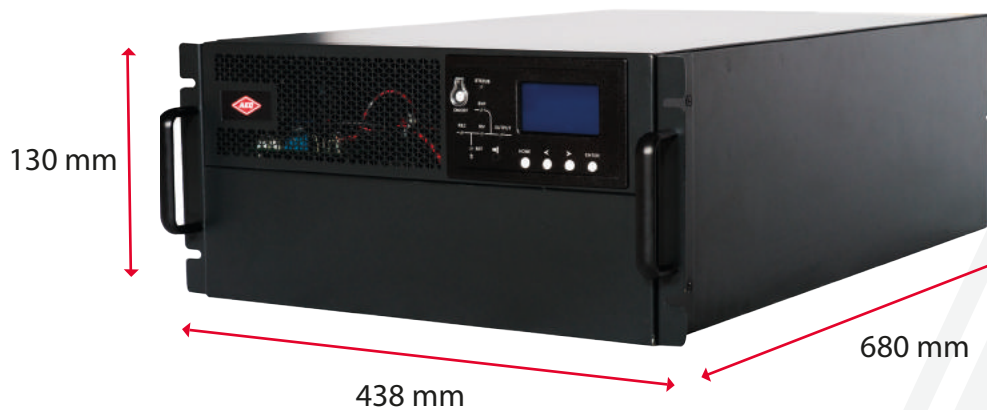
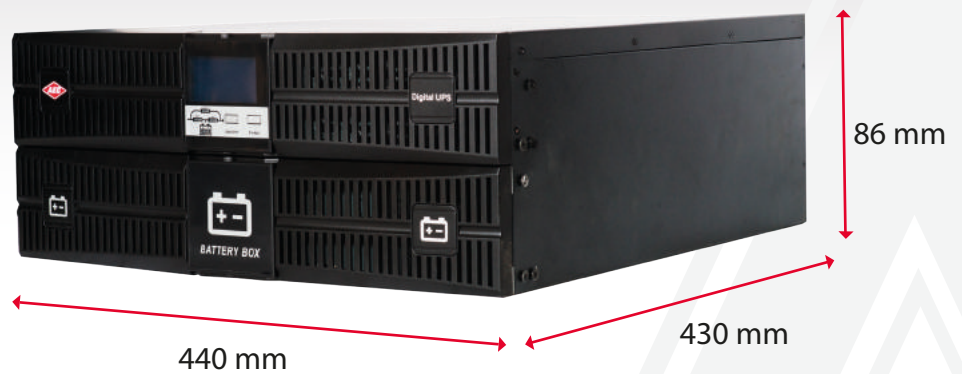


IST3J
1kVA

RACK/TOWER

IST3J
2-3kVA

RACK/TOWER



IST3J
6-10kVA

RACK/TOWER





IST3J

Model	IST3100010J		IST3100020J		IST3100030J		IST3100060J		IST3100100J		
Input current											
Capacity	1KVA/0,9KW		2KVA/1,8KW		3KVA/2,7KW		6KVA/5,4KW		10KVA/9KW		
Cold Start	Yes, default frequency=50Hz or settable										
Acceptable Input voltage	110VAC - 288VAC										
	100% load @ > 176VAC										
	80% load @ > 154VAC										
	70% load @ > 132VAC										
	50% load @ >110VAC										
Phase	single phase in, single phase out										
Input Power Factor	≥0,97						≥0,99				
Input current	4,8A		9,6A		14,4A		27,5A		47A		
Input Frequency range	40-70Hz										
Frequency adaptable	Si										
OUTPUT											
Output PF	0,9										
Nominal voltage	220/230/240VAC										
Waveform	pure sine wave										
Voltage regulation	± 1%										
THD	≤ 1% THD, linear load										
	≤ 3% THD, not linear load										
Frequency online	± 5Hz										
Frequency battery mode	± 0,1Hz										
efficiency (line mode)	> 93%										
ECO mode	> 98%										
Transfer time	0 ms (line mode to battery), 2 ms (inverter to bypass)										
Charger	1A		1A		1A		1A		1A		
Overload capability (line mode)	105%-130% 1 min						110% 60 min				
	150% 30 sec						130% 1 min				
							150% 30 sec, shut down after 1 minuto				
Crest ratio	3 :1										
BATTERY											
Battery type	sealed lead acid maintenace free battery										
Battery voltage Vdc	36				72				96		
INDICATOR & ALARM											
Display	LED + LCD										
INTERFACE											
Communication	DB9 port/RS232, dry contact (optional), USB port (optional), SNMP (optional)										
MECHANICAL											
Noise	< 47dB		< 50dB		< 50dB		< 55dB				
W*L*H (mm)	440*430*86 (int.batt)		440*480*173 (int.batt)		440*480*173 (int.batt)		438*680*218 (int.batt)		438*680*218 (int.batt)		
Net weight (kg)	12		25		31		62		71		
W*L*H (mm)	440*430*86		440*430*86		440*430*86		438*680*130		438*680*130		
Net weight (kg)	7		8		10		19		22		