



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

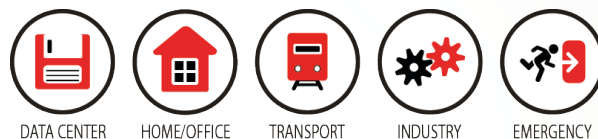


IST8

SERIES

2 - 3 kVA

ONLINE UPS



DETAILS

IST8 Li Series, online transformer-less UPS with internal Lithium-ion Battery. As the development of battery technology going on, Lithium-ion Battery, with its high-power density and longer service life, becomes more popular in nowadays applications.

- Three Level Online UPS
- High Ac/Ac Efficiency Up To 96.0%
- High Output Power Factor Up To 1.0
- The Innovative UPS with Internal Lithium-ion battery

FOTO IST 8 DETTAGLI?





Green Power

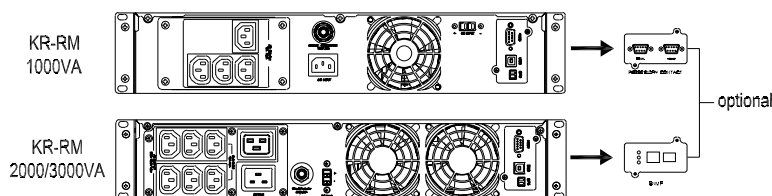
- AC/AC efficiency up to 93.5%, less operation cost and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- Input PF > 0.996 and THDi < 5%, less power pollution and lower TCO

Typical Applications:



Intelligent Management

- Flexible rear panel configuration
- Dry contact kits and SNMP are optional
- Select able output sockets
- External battery pack port available
- Programmable power management outlet (optional)

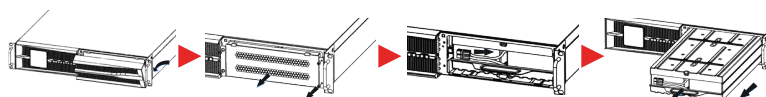


Flexible Design

- The digital display can be easily shifted through LCD setting to suit for vertical/horizontal installation.

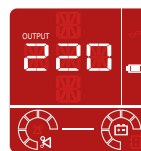
Hot-swappable Battery Design

- External battery pack is optional
- Easy for online battery replacement

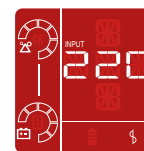


Built-in Lithium-ion Battery

- **Super-long backup time**
11 Minutes backup time by internal battery
- **Wide temperature range**
Tolerant for up to 60°C with no harm to the internal lithium-ion battery
- **Long service life**
Up to 8 years of service life
- **More circles for charge and recharge**
Up to than 1000 times of charge/recharge
- **Environment friendly**
Lithium-ion battery is more environment-friendly



Horizontal Display



Vertical Display

Rotable LCD display

- The LCD display easily rotate for horizontal and vertical application.



IST8

MODEL	1 KvA	2 KvA	3 KvA
Input			
Voltage (Vac)	120-295		
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)		
Power Factor	≥0.99		
THDi	<5%		
Output			
Capacity(VA)	1000	2000	3000
AC/AC Efficiency Max.	91.1%	92.5%	93.5%
Power Factor	0.9 (1.0 optional)		
Voltage (Vac)	208/220/230/240±1%(settable)		
Frequency(Hz)	50/60±0.1 (battery mode)		
THDv	THD <3% (linear load), THD < 5% (nonlinear load)		
Transfer Time	0		
ECO Mode	Yes		
Overload	101%~115% for 1 min, 116%~133% for 1 s, above 134% for 200ms		
Battery			
Voltage(Vdc)	36	48	72
BATT Type	3×7Ah/12V	4×9Ah/12V	6×9Ah/12V
Charging Current (A) Max.	1		
Other			
Communication Interface	RS232+USB+EPO (DB9 dry contact and SNMP adapter are optional)		
Output Outlet*	4×IEC320 C13	6×IEC320 C13 + 1×IEC320 C19	
Display	Blue screen LCD		
Alarm	Low battery, Abnormal AC input, UPS failure, etc.		
Protection	Low battery, overload, short-circuit and over temperature, etc.		
Noise (dB)	< 50	< 55	
Working Temperature	0~ 40°C		
Relative Humidity	0 ~ 95%, No condensation		
Dimension (W×D×H) mm	438×420×87	438×570×87	
Weight (kg)	13.2	19.9	24.8

