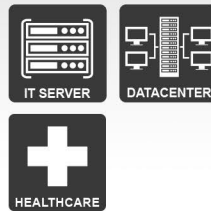


IRIS-RT

6-10kVA



Applications



Convertible Rack/Tour



Specifications



- Rack/Tower Convertible
- Graphic LCD Display with Multifunction Parameter Settings & Diagram
- Hot Swappable Battery
- N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- High Output Power Factor at 1.0PF
- Low Input Current Distortion
- Green Concept design with Superior Input Voltage Window for Energy Saving
- Efficiency up to 94.0%
- Emergency Power Off
- Support Economic (ECO) Operation Mode
- Settable Battery Voltage
- Temperature-controlled Fan
- Matching Battery Pack
- Common Battery When UPS in Parallel Mode
- Versatile Communication Interfaces Available
- Cold Start
- Communication Software
- Settable Charge Current
- Optional Frequency Converter Mode Supported
- Transformer Module for Galvanic Isolation

Description

The IRIS-RT Convertible Parallel Redundancy online UPS series, featured with up to 94.0% efficiency, rack/tower convertible, N+X Parallel Redundancy DSP -controlled technology, high input & output power factors, superior input voltage window for energy saving, ECO mode, is an ideal solution to your server, bank, industrial equipment, IT equipment, communication system and other networking equipment, which is demanding for a thorough protection.

LCD Display

The comprehensive graphic LCD display provides easy read-out status of the UPS from the screen, such as input, voltage, load level, battery level, error code,...



ON-LINE



IRIS-RT	Model	
	IRIS6RT	IRIS10RT
Power (VA, Watt)	6000VA / 6000W	10000VA / 10000W
Input		
Voltage range	110-300Vac	
Frequency range	45-55Hz / 54-66Hz	
Power supply	Single phase	
Power factor	≥ 0,99 @Nominal voltage (100%load)	
Power plug	Power cord	
Output		
Rated voltage	208/220/230/240VAC	
Power factor	1	
Voltage regulation	+/-1%	
Frequency	50/60Hz +/- 0,1Hz	
Efficiency	Up to 94%	
Harmonic distortion (THD)	≤ 3% THD (linear load), ≤ 5% THD (no-linear load)	
Waveform	Pure sine wave	
Crest factor	3:1	
Overload capacity	30s at 100% to 150% and 300ms >150%	
Protection	Overvoltage, short-circuit, battery deep discharge, thermal protection	
Efficiency		
ON LINE mode	Up to 92%	
Battery mode	> 85%	
ECO mode	> 94%	
Battery (internal)		
Type	VRLA, AGM	
Autonomy	remaining time on LCD	
Recharge time at 90%	6-8 hours recover to 90% of full capacity	
Charge current	10A max (Standard Unit Set to 1A)	
Nominal voltage	240Vdc	
Charger mode	3 steps (egalization/boost/floating)	
Backup time	Long run unit depends on the capacity of external batteries	
Transfer time		
Mains <---> Battery	0ms	
Mains <---> Bypass	<4ms	
Alarms - informations		
LCD, LED	Load / battery / input / output / working mode / error code	
Physical		
Dimensions (WxDxH), mm	440x620x86.5 (2U)	
Weight, (kg) without batteries	21	
Environment		
Temperature	0-40°C	
Humidity	0-95% (non-condensing)	
Audible noise at 1m	<55dB	
Interface		
Communication port	RS232, USB, Parallel Card, EPO	
Communication slot	SNMP card, relay card, etc	
Battery pack (additional)		
	BPRT19209	BPRT21609
Dimensions (WxDxH), mm	440x680x131(3U)	
Weight, (kg)	52	63.2

ON-LINE