

TRUE ONLINE DOUBLE CONVERSION RACK & TOWER UPS

Memo Power

1:1 Phase

Rating

6kVA, 10kVA



The UNITEC X4 RT Convertible Parallel Redundancy on-line UPS series, featured with up to 93.5% efficiency, rack/tower Convertible, N+X Parallel Redundancy, DSP-controlled technology, high input & output power factors superior input voltage window for energy saving, estimated remaining time, Eco mode, exible system conguration, 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.



Intelligent slot optional

- Relay Card • Centralized monitoring card

<http://www.zircon.co.th>



Model

X4 — 6kVA-10kVA-RT

Features

- Rack / Tower Convertible
- Flexible System Conguration
- Graphic LCD Display with Multifunction Parameter settings
- Hot Swappable Battery
- N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- High output power factor at 0.9PF
- Low input Current Distortion
- Green Concept design with Superior Input Voltage Window for Energy Saving
- Efficiency up to 93.5%
- Estimated Remaining Time displayed on the LCD
- Support Economic (ECO) Operation Mode
- Settable Battery Voltage
- Temperature-controlled Fan
- Matching Battery Pack with Powerful Charger Built-in
- Common Battery When UPS in Parallel Mode
- Versatile communication Interfaces Available
- Cold Start
- Communication Software
- Optional Centralized monitor function
- Settable Charge Current
- Optional Frequency Converter Mode Supported
- Onsite Service

QUALITY STANDARD COMPLIANCE



ISO9001:2008, ISO14001, FCC, CE, UL, LVD, EMC

Capacity (VA/W)			6KVA/5.4KW	10KVA/9KW
Input	Phase		1Phase 2 Wires + Ground	
	Rated Voltage		220/230/240VAC	
	Voltage Range		120VAC-276VAC	
	Frequency Range		45Hz-55Hz / 55Hz-66Hz	
	Power Factor		≥0.99	
	Current THDi		≤3%(100% linear load) ≤5%(100% non-linear load)	
	Bypass Voltage Range		220Vac Max. : 10%, 15%, 20%, or 25%, default : 25% 230Vac Max : 10%, 15%, or 20%, default : 20% 240Vac Max: 10% or 15% default: 15% Min. : 20%, 30%, or 45%, default : 45%	
	FCO Range		same as the bypass	
	Generator Input		Support	
Output	Phase		1Phase 2 Wires + Ground	
	Rated Voltage		22/230/240VAC	
	Power Factor		0.9	
	Voltage Regulation		±1%	
	Frequency	Utility Mode	±1%, ±2%, ±4%, ±5%, ±10% of the frequency(optional)	
		Battery Mode	(50±0.1%) Hz	
	Crest Factor		3:1	
	THD		≤2% with linear load ≤5% with non linear ar load	
Waveform		Pure Sinewave		
Battery	Voltage		Standard: 192Vdc; Optional voltage: 216/240Vdc	
	Backup Time		Full load ≥2min(Standard),Long time unit depends on the capacity of external batteries Estimated remaining time displayed on the LCD	
	Recharge time to 90%		8~10 hours (Standard)	
	Charging Current		Maximum Current 10A; charge current can be set according to battery capacity installed.	
	Battery Socket		Anderson like PowerPole Modular Connectors	
Transfer Time			Utility to Battery : 0ms; Utility to bypass: 0ms	
Protection	Overload	AC Mode	Load 105%~1H , 110%~125% : 10 mins, 125%~150% : 1min, ≥150% : 200 ms< then transfer to bypass	
		Bat.Mode	Load 105%~1H , 110%~125% : 10 mins, 125%~150% : 1min, ≥150% : 200 ms< then shut down UPS immediately	
		Bypass Mode	40A(Input Breaker) 60A(Input Breaker)	
	Short Circuit		Hold Whole System	
	Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
	Battery Low		Alarm and Switch off	
	Self-diagnostics		Upon power On and Software Control	
	EPO		Shut down UPS immediately	
	Battery		Advanced Battery Management	
	Noise Suppression		Complies with EN60664-1	
Alarms	Audible & Visual		Line Failure, BatteryLow, Overload<System Fault	
Display	Status LED & LCD		Line Mode,Backup Mode,Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault	
	Reading On the LCD		Input Voltage, Input Frequency,Output Voltage, Output Frequency, Load percentage, Battery Voltage, Input Temperature & Remaining Battery Backup Time	
Physical	Input Connection		Hardwire	
	Output Connection		Hardwire & IEC320-C13-10A×2	
	External Battery Connection		Anderson like PowerPole Modular Connectors	
Communication Interface			USB, Dry Contact, Parallel, Communication Port	
Environment	Operating Temperature		0C~40C	
	Storage Temperature		25C~+55C	
	Humidity		0~95% non condensing	
	Altitude		< 1500m	
	Noise		<55dB(at 1 meter)	
Safety Conformance			Complies with EN60664-1	

UPS MODULE				
Model Name	Input/Output Phase	Efficiency	Dimension(W×H×D)mm	Weight(Kg)
RTII 6K/1P	1P/1P	92.0%	443×131(3U)×580	23
RTII 10K/1P			443×131(3U)×580	25
RTII 6K/3P	3P/1P	93.5%	443×131(3U)×580	28
RTII 10K/3P			443×131(3U)×580	30

