

CONTRONETIX

XRT6000



Battery Cabinets (Optional)



Control Panel

Features

- Online double conversion
- No output transfer time
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 3%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- Wide input voltage range: 120~276Vac
- Wide input frequency range: 45~55Hz/ 54~66Hz±0.5Hz
- Self-testing when UPS startup
- Input over/under-voltage protection
- Automatic bypass
- DC start
- Communication port: RS232, USB
- Options: SNMP card / Relay card



The LCD panel can be rotated



Back View

Technical Specifications:

MODEL		XRT6000
Capacity (VA/Watts)		6K
<b>INPUT</b>		
Nominal voltage		220/230/240Vac (L+N+PE)
Operating voltage range		120-276Vac
Operating frequency range		45-55Hz/54-66Hz+0.5Hz
Power factor		0.99
Bypass voltage range		220V: +25% (optional +10%, +15%, +20%) 230: +20% (optional +10%, +15%) 240: +15% (optional +10%) Min. voltage: -45% (optional -20%, -30%)
ECO range		Same as bypass
Bypass frequency range		Frequency protection range: ±10%
Harmonic distortion (THDi) Generator input		3% (100% linear load) Support
<b>OUTPUT</b>		
Output voltage		220/230/240Vac
Power factor		0.9
Voltage regulation		±2%
Frequency	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (optional)
	Bat. mode	
Crest factor		3:1
Harmonic distortion (THDv)		2% with linear load 5% with non linear load
Waveform		Pure sinewave
Efficiency		>93.5%
<b>BATTERY</b>		
Battery voltage		Optional Voltage: ±96/±108/±120Vdc
Typical recharging time		6-8 hours (to 90% of full capacity)
Back up time		Long run unit depends on the capacity of external batteries Estimated remaining time displayed on the LDC
Charging current		Maximum current 10A; Charging current can be set according to battery capacity installed
<b>SYSTEM FEATURES</b>		
Transfer time		Utility to battery: 0ms; Utility to bypass: 0ms
Overload	Line mode	Load 110%: last 60min / 125%: last 10min / 150%: last 1min / >150% turn to bypass mode
	Bypass mode	
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 (optional)		Shut down UPS immediately
Battery		Advanced battery management
Noise suppression		Complies with EN62040-2
Audible & Visual alarms		Line failure, Battery low, Overload, System fault
Status LED & LCD display		Line mode, Backup mode, Eco mode, Bypass mode, Battery under voltage, Battery bad, Overload & UPS fault
Reading on the LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
Communication interface		USB, RS232, Parallel port, SNMP card/Relay card (optional)
<b>ENVIRONMENT</b>		
Operating temperature		0-40
Storage temperature		25-55
Humidity range		0-95% (Non condensing)
Altitude		<1500m
Noise level		<55dB
<b>PHYSICAL</b>		
Dimension WxHxD (mm)		443x131x580(3U)
Net weight (kg)		23
<b>STANDARDS</b>		
Safety		IEC/EN62040-1, IEC/EN60950-1
EMC		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8
<b>BATTERY BANK</b>		
Model		XRTBP6
Battery type & Max. quantity		7Ahx20
<b>PHYSICAL OF BATTERY BANK</b>		
Dimensions DxWxH (mm)		720x443x131(3U)
Net weight (kg)		56

Specifications are subject to change without prior notice

Contronetix AI Sdn Bhd (1287232-V)

www.contronetix.com | enquiry@contronetix.com | Contronetix | Contronetix