



Control Panel



- 1 LCD
- 2 Output indicator
- 3 Fault indicator
- 4 Battery energy indicator
- 5 Overload indicator
- 6 Bypass indicator
- 7 ON Switch
- 8 OFF Switch
- 9 Display switch button
- 10 Input indicator

Online UPS

itP31T Series (6KVA ~ 30KVA)

Application:

Mission critical process, compute room, networking, medical, analytical & telecom equipments and satellite earth stations

- Three phase in, one phase out
- True on-line double conversion design
- IGBT inverter design.
- Expandable battery run time
- Generator compatible
- Pure sine wave output less than 3%THD
- Cold start
- Advanced Battery Management
- Smart RS-232 communication port
- Optional SNMP card
- MTBF 300000 hrs
- Galvanically isolated output

itP31T Series

specifications

Model		itP31T -10	itP31T -15	itP31T -20	itP31T -30		
Capacity (VA)		10K	15K	20K	30K		
Power(W)		8K	12K	16K	24K		
Power factor		0.8					
Input	Voltage Range	380V \pm 20%(3 phase) or 190V \pm 20%(3 phase)					
	Frequency	50Hz \pm 5% or 60Hz \pm 5%					
	Phase	3 Phase+ GND					
	Power wall in	12 sec					
	Max. Current	10A	13A	16A	24A	32A	40A
Output	Phase	Single phase + GND					
	Voltage Range	220V \pm 1% or 110VAC \pm 1%					
	Frequency	Synchronized range: \pm 1Hz, \pm 2 Hz, \pm 3 Hz selectable; Free running: 50(60) Hz \pm 0.5%					
	Waveform	Sine wave					
	Crest factor	3:1					
	Transient variation	< \pm 5V for 100% step load change					
	Transient recovery	< 20 ms					
	Bypass transfer time	< 2.5ms					
	Overload Capacity	125% for 10 minutes, 150% for one minute, auto resume when load reverts to normal.					
Battery	THD	<3% (linear load); <5% (non-linear load)					
	DC Voltage	192VDC			240VDC		
	Max Charge Current	4A		6A			
Efficiency		>85%					
Transfer Time		0ms					
Panel Indication	LCD	Input/ output voltage, input/ output frequency,battery voltage, load capacity					
	LED	Low battery,online, inverter,bypass,abnormal					
Electrical protection		input/output over/under voltage, over temperature, overload, short circuit, battery low trip					
Environment	Temperature	0 ~ 45 $^{\circ}$ c					
	Humidity	0~95%(non condensing)					
	Noise	<58dB(1m)					
Communication	Interface	RS232					
	Software	1.Power status 2.UPS shutdown 3.Monitor UPS status 4.UPS self test 5.Auto-save files					
Standards		EN50091-1-1; IEC62040-2: 1999; IEC61000-3-2: 2001; IEC61000-3-3: 2002					
Other	Dimension (W X D X H)(mm)	310 X 560 X 870		740 X 470 X 1180			
	Packing (WxDxH)(mm)	490 x 790 X 930		950 X 675 X 1315			
	Net Weight KG (W/O battery)	118	135	155	262	297	326

Specifications are subject to change without notice due to continuous R&D

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