



# MTX Series

6-10kVA SINGLE-PHASE / SINGLE-PHASE  
10-20kVA THREE-PHASE / SINGLE-PHASE  
DOUBLE CONVERSION ON-LINE

The MTX Series 6 - 20kVA is ideal for the protection of critical information and telecommunications networks which cannot run the risk of being powered from a low quality electrical supply.

MTX Series has the unique design to deliver maximum protection for critical users. MTX Series adopts advance control technology, greatly improving the density of power.

### N + X PARALLEL REDUNDANT SYSTEM

Maximum 3 modules

When one UPS faults, the other UPS will provide stable and uninterrupted power for load. At the same time, the advance current equality technology makes every UPS afford the current averagely.

### ADVANCED DISPLAY

MTX Series can display the operation information accurately and set parameter by panel.

### HIGH RELIABILITY

- Full microprocessor control
- IGBT Technology
- Maximum reliability and power availability connect up to 3 units in parallel.

MTX-6-10



MTX15  
MTX-20



### GUARANTEED OUTPUT

Even with typical distorting IT loads with crest factors of 3:1. Reliable, filtered, stabilised and regulated sinewave output with filters for atmospheric disturbance suppression.

### MAXIMUM BATTERY CARE

Battery deep discharge protection and temperature compensating charger. Built-in automatic and manual battery test feature.

### ADVANCED COMMUNICATION

- RS232 serial port, SNMP Card,
- USB, DB9 (Optional)



## Technical Specifications:

MODEL	MTX-1106	MTX-1110	MTX-3110	MTX-3115	MTX-3120
OUTPUT CAPACITY	6000VA	10000VA	10000VA	15000VA	20000VA
PARALLEL/REDUNDANT CONNECTION UP TO 3 PCS					
<b>INPUT</b>					
Voltage	155VAC~280VAC		304VAC~476VAC		
Frequency	50/60Hz ±4Hz				
Power Factor	≥0.98		≥0.95		
<b>OUTPUT</b>					
Voltage	220VAC±1%				
Frequency	50/60Hz ±2% (battery mode)				
Distortion	resistance load THD<3%; Non linear load THD<5%				
Dynamic Response	Full load±4%				
Wave Form	Sinewave				
Crest Factor	≥3:1				
Power Factor	0.7				
AC/AC	≥0.85		≥0.90		
<b>BATTERY</b>					
DC Voltage	240VDC				
Standard Equip	12V/7Ah×20				
<b>TRANSFER TIME</b>					
AC Fault	0ms				
UPS Fault	0ms				
<b>ALARM</b>					
Battery Low Voltage	alarm every 1 seconds				
UPS Over Load	continuously				
UPS Fault	continuously				
<b>PROTECTION</b>					
Over Load	105% ~ 130% 10min, ≥130%1s				
Short Circuit	Shut off inverter and bypass output				
Over Temperature	Switch to by-pass				
<b>COMPUTER INTERFACE</b>					
	RS232, SNMP, 1 x USB, 1 x DB9 (Optional)				
<b>GENERAL DATA</b>					
Temperature	0°C~40°C				
Humidity	20~95% No condensing				
Noise (at 1 meter)	≤50dB		≤58dB		
Weight	35/90kg	38/93kg	40kg	55 kg	
Dimension(WxDxH)	260*570*717				

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