MAXTRON MX SERES
40kVA - 120kVA (3:3) PF1.0

5" Colorful Touch Screen Display

Features

- Advanced Dual-core DSP Control Technology and 3-Level Technology
- Output Power Factor 1.0
- Active Power Factor Correnction Technology, Input Power Factor Up to 0.99
- System Efficiency Improved to 96%, Energy Saving Rate is Doubled
- Working Efficiency Up to 99% in ECO Mode
- Dual Input Design, Supporting Independent Bypass
- Advanced Digital and Parallel Technology, Providing Higher Reliability That Single System
- Wide Input Voltage Range, 50 / 60Hz Auto-sensing Frequency
- 50Hz / 60Hz Frequency Conversion Mode
- Compact Internal Layout, Small Footprint
- Fan Speed Varies Intelligently With Temperature, Reducing Noise and Extending its Service Life
- Features Strong Fault Tolerance, One Fan Damaged takes 50% of The Load, Two Fans Damaged Take 30% of The Load
- Comformal Coating Technology to Make UPS Operate In Harsh Environment For a Long Time
- Effective Hardware and Software Protection, Robust Self-diagnosis Function, Abundent Event Log For Future Check
- Linear Downgrading in Low Voltage Input Reducing Battery Discharging Times
- Flexible Battery Confuguration Setting, Selectable Battery Numbers: 30 ~ 44pcs
- Digitally Controlled Charger (Max. 36A)
- Ability to Switch On The UPS by Battery in The Absence of Mains Power (Cold Start)
- Zero Switching Time for UPS Power Supply Mode When The Mains Power is Unstable, Ensuring The Output is Uninterruped
- Settable Delayed Start Time When Mains Power is Restored
- 5 Inches LCD Colorful Touch Screen, Friendly Human & Machine Interface
- Powerful Background Software for Parameters Configuration And Online Upgrade
- Advanced Multi-platform Comminucation for UPS Monitoring: RS232, USB, RS485, NET, Dry Contacts, SNMP Card, Wifi Card and GPRS Card
- Intelligent Battery Management, Automatic Equalized and Float Charging Control, Charger Dormancy Control, Improving the Reliability of Charger and Extending the Battery Life
- Options and accessories: RS232, USB, RS485, NET, Parallel, LBS, Dry Contacts, EPO and Battery Temperature Compensation Interface Supplied; Optional SNMP Card, Wi-fi Card, GPRS Card, Battery Temperature Sensor, EMD Detector and SMS Alarms

3 Years Full Warranty For Parts and Labour. 2 Years For Battery.

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TRUE ON LINE 3 PHASE UPS

MAXTRON MX SERIES
3 : 3 / PF1.0

MODEL	MAXTRON MX 40000EPS	MAXTRON MX 60000EPS	MAXTRON MX 80000EPS	MAXTRON MX 100000EPS	MAXTRON MX 120000EPS
Capacity	40kVA / 40kW	60kVA / 60kW	80kVA / 80kW	100kVA / 100kW	120kVA / 120kW
INPUT					
Input wiring	Three-phase five-wire (3Φ + N + PE)				
Rated voltage	380 / 400 / 415 Vac				
Voltage range	304 ~ 485 Vac (no downgrading), 138 ~ 304 Vac (linear downgrading between 40% ~ 100% load)				
Rated frequency	50 / 60 Hz (auto-sensing)				
Frequency range	40 ~ 70 Hz				
Power factor	≥ 0.99				
Bypass voltage range	-60% ~ +20% (settable)				
Total harmonic distortion (THDi)	≤3%				
OUTPUT					
Output wiring	Three-phase five-wire (3Φ + N + PE)				
Rated voltage	380 / 400 / 415 Vac				
Voltage regulation	±1%				
Frequency	Synchronized with utility in mains mode,50 / 60 Hz ±0.1% in battery mode				
Waveform	Sinusoidal				
Power factor	1				
Total harmonic distortion (THDv)	≤ 1% (linear load); ≤ 4% (non-linear load)				
Crest factor	3:1				
Overload	105% ~110% for 60 min, 110% ~ 125% for 10 min, 125% ~ 150% for 1 min, > 150% for 0.2 s				
BATTERIES					
DC voltage	± 192 Vdc (± 180 ~ ± 264 Vdc settable) 40 kVA built-in battery: ± 240 Vdc (80 pcs 9 Ah/12 V)				
Number of battery	32 pcs (30 ~ 44 pcs settable)				
Charging current (max.)	12 A	24 A		36 A	
Recharge time	Depend on the capacity of battery				
SYSTEM					
Efficiency	Max. 96% in online mode, 99% in ECO mode				
Transfer time	0 ms				
Protections	Short-circuit, overload, overtemperature, excessive low battery, overvoltage, undervoltage, fans failure				
Max. number of parallel connections	4				
Communications	Standard configuration: RS232, USB, RS485, NET, dry contacts; Optional configuration: SNMP card, Wi-Fi card, GPRS card				
Display	5 inches colorful LCD touch screen				
OTHERS					
Operating temperature	0℃ ~ 40℃				
Storage temperature	-25℃ ~ 55℃ (without battery)				
Relative humidity	0% ~ 95% (non-condensing)				
Altitude	≤ 1000 m; above 1000 m, downgrading 1% for each additional 100 m				
IP rating	IP 20				
Noise level at 1 m	≤ 65 dB				
Dimensions (W × D × H) (mm)	360 × 850 × 885	360 × 850 × 950	360 × 850 × 1200	440 × 850 × 1200	
Packaged dimensions (W × D × H) (mm)	450 × 940 × 1055	450 × 940 × 1120	450 × 940 × 1370	530 × 940 × 1370	
Net weight (kg)	95 295 (built-in BAT)	130.5	156	198	
Gross weight (kg)	110 310 (built-in BAT)	145	172	218.5	

- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.
- Derate capacity to 90% when the number of batteries is set to 30 pcs.

POWER LOGIC