



- DSP Digital Control Technology.
- Advanced IGBT Inverter Technology.
- Pure-Online Double Conversion Technology.
- Powerful Redundant Parallel Connection Function.
- Large Full-Color Touch Screen.



Reverse Polarity
Protection



Short Circuit
Protection



Over-Charge
Protection



Over-temperature
Protection



Over-Current
Protection

EVT-T-M SERIES

TOWER UPS MEGA SERIES

6KVA-500KVA 3:3 PHASE, 0.95 P.F



Model	EVT-T6KV-3MB3	EVT-T10KV-3MB3	EVT-T15KV-3MB3	EVT-T20KV-3MB3	EVT-T30KV-3MB3	EVT-T40KV-3MB3	EVT-T50KV-3MB3	EVT-T60KV-3MB3	EVT-T80KV-3MB3	EVT-T100KV-3MB3	EVT-T120KV-3MB3	EVT-T160KV-3MB3	EVT-T200KV-3MB3	EVT-T300KV-3MB3	EVT-T400KV-3MB3	EVT-T500KV-3MB3
Capacity (VA/W)	6K/4.8K	10K/8K	15K/12K	20K/16K	30K/24K	40K/32K	50K/40K	60K/48K	80K/64K	100K/80K	120K/96K	160K/128K	200K/160K	300K/240K	400K/320K	500K/400K
Battery Voltage	384V											480V				
UPS Efficiency	≥95%															
Noise	48-54db (1m) Distance			53-60db (1m) Distance			53-62db (1m) Distance			54-65db (1m) Distance						
Size (WxDxH) mm	485x695x1000				555x740x1220				800x750x1400		1070x750x1400		1420x750x1805		1630x1026x1902	
Weight (Kg)	150	170	185	200	275	345	360	390	560	630	750	940	1210	2200	2600	2850
Input	Voltage			3 Phase 4 Wires & Ground 380V/400/415±25%												
	Frequency			50Hz/60Hz ±5% (Automatically)												
	Power Factor			≥0.95												
Inverter Output	Voltage			3 Phase 4 Wires 380V/400/415±1%												
	Frequency			50Hz/60Hz ±0.05% (By Battery)												
	Harmonic Distortion			Linear Load <3%, Non-Linear Load <5%												
	Imbalance Voltage			Balance Load≤1%, Imbalance Load≤3%												
	Phase-shift Angle			Balance Load≤±1, Imbalance Load≤±2												
	Transient Response			Output at 0_50%_100% ≤5%, Response ≤10ms												
	Overload Capacity			110%≥300 Min, 125%≥10 Min, 150%≥1 Min												
	Crest Factor			3:1												
	Wave Form			Pure Sine Wave												
	Transfer Time			0ms												
Battery	Max. Charging Current			0.2A x C10												
	Charging Time			12 Hours												
System	Protective Function			Input Over-Voltage, Under-Voltage, Output Overload, Short Circuit, Inverter Over-Temperature, Battery Under-Voltage, Over-Voltage												
	Running Temperature & Humidity			0-40 Degree Celsius, Less Than 95% (Without Condensing)												
	Altitude			<1000m (With Increase of 100m, Output will be reduced by 1%) Max. 4000m												
	Communication Interface			RS232, RS485												
	Remote Signaling			Dry Contact (Battery Low, Battery Discharging, Bypass/Fault), EPO												
	Remote Control			EPO & Bypass												
	Degree of Protection			IP20 (Front Door Opened)												
	Parallel Mode			N+1, N+X, can be in parallel with different power capacity												
	Software Interface			Windows9x, 2000, NT, Me, XP, Linux, Novell, MacOS, NT4.0												
	Mean-time Between Failures			300,000 Hours												
Optional			Dust-proof & Damp-proof, Isolating Inverter Transformer, Lightning Surge Absorption, Static Switches, Manual Maintenance Switch													

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