



DAXTEN POWER
beyond limits SpA

®

M POWER SERIES 1/1

Tower

**TRUE ON-LINE DOUBLE CONVERSION
HI FREQUENCY LCD UPS**

1kVA - 10kVA

SALIENT FEATURES

- * **Large blue back light LCD for detailed real-time UPS status display**
- * **Microprocessor control guarantees high reliability**
- * **Auto self-testing system while turning on UPS**
- * **Comprehensive self-protection design**
- * **Audible alarm mute**
- * **Cold start function**
- * **Wide input voltage range**

APPLICATIONS



Network



Industry



Server



Security



Medical



Banking



www.powertech-group.com

TECHNICAL SPECIFICATIONS

Product Series		M POWER SERIES 1/1 (TOWER)					
Model		MP-111	MP-211	MP-311	MP-611	MP-1011	
Capacity	VA/W	1000VA/700W	2000VA/1400W	3000VA/2100W	6000VA/4200W	10000VA/7000W	
Input	Nominal Voltage	220/230/240VAC					
	Voltage Range	180-300VAC					
	Frequency Range	50Hz: 46~54Hz; 60Hz: 56~64Hz					
	Phase	Single phase with ground					
	Power Factor	>0.95				≥0.98	
Output	Voltage	220VAC/230VAC/240VAC					
	Voltage Regulation	± 2%				±1%	
	Frequency	Synchronization range (line mode); 50 or 60 x (1 ±0.2%)Hz (Battery mode)					
	Current Crest Ratio	3:1					
	Voltage Distortion	>3% THD (Linear Load)	>4% THD (Linear Load)			≤2 THD	
		>6% THD (Non-Linear Load)	>7% THD (Non-Linear Load)			≤6 THD	
Output Waveform	Pure Sinewave						
Battery	Battery Type	12V/7.2Ah					
	Number of Batteries	3	8		20		
	Backup Time(Full Load)	> 5 minutes	> 9 minutes	> 5 minutes	8 minutes	5 minutes	
	Recharge Time	5 hours to 90%			7 hours to 90%	8 hours to 90%	
	Charging Current(Max.)	1.0A			2A		
	Charging Voltage	41.1Vdc ±0.6V	110Vdc ±0.4V				
Transfer Time	AC to DC	Zero					
	Inverter to Bypass	2.5ms(Typical)					
Indicator	Status	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault					
Audible Alarm	Battery Mode	Sounding every 4 seconds					
	Low Battery	Sounding every second					
	Overload	Sounding twice every second					
	Fault	Continuously Sounding					
Dimension	DxWxH (mm)	400x145x220	460x192x340		570x280x717		
	UPS Case	482.6x450x87(w.battery)	482.6x450x87				
Weight	Tower Case	14kg	34.5kg	35.5kg	90kg	93kg	
Environment	Operating Temperature	0-40°C					
	Relative Humidity	20-90%(NON-CONDENSING)					
	Noise Level	<45dB@1 Meter	<50dB@1 Meter		55dB@1 Meter		
Interface	Smart RS232	Software supports Windows family, Linux, Sun Solaris, IBM AIX, Compaq True64, SGI IRIX, FreeBSD, HP-LUX and MAC					
	SNMP(option)	Power management from SNMP manager and web browse					
	USB(option)	Windows family and Mac OS					

Product specification are subject to change without further notice.