



**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.daxtenpower.com](http://www.daxtenpower.com)

## TECHNICAL SPECIFICATIONS

Product Series		M POWER SERIES 1/1 (TOWER)				
<b>Model</b>		MP-111	MP-211	MP-311	MP-611	MP-1011
<b>Capacity</b>	VA/W	1000VA/700W	2000VA/1400W	3000VA/2100W	6000VA/4200W	10000VA/7000W
<b>Input</b>	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
<b>Output</b>	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					
<b>Battery</b>	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			
<b>Transfer Time</b>	AC to DC	Zero				
	Inverter to Bypass	2.5ms(Typical)				
<b>Indicator</b>	Status	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault				
<b>Audible Alarm</b>	Battery Mode	Sounding every 4 seconds				
	Low Battery	Sounding every second				
	Overload	Sounding twice every second				
	Fault	Continuously Sounding				
<b>Dimension</b>	DxWxH (mm)	400x145x220	460x192x340		570x280x717	
	UPS Case	482.6x450x87 (w.battery)	482.6x450x87			
<b>Weight</b>	Tower Case	14kg	34.5kg	35.5kg	90kg	93kg
<b>Environment</b>	Operating Temperature	0-40°C				
	Relative Humidity	20-90%(NON-CONDENSING)				
	Noise Level	<45dB@1 Meter	<50dB@1 Meter		55dB@1 Meter	
<b>Interface</b>	Smart RS232	Software supports Windows family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX 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.