SYSMATIC²
TECHNOLOGIES

SYSMATIC²
POWER SYSTEMS

DAXTEN POWER® SpA
beyond limits

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

*Technical Specification on Next Page

Technical Specification:

Product Series		M POWER SERIES 1/1 (TOWER)				
Model		MP-111	MP-211	MP-311	MP-611	MP-1011
Capacity	VA/W	1000VA/900W	2000VA/1800W	3000VA/2700W	6000VA/5400W	10000VA/9000W
Input	Nomianl 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℃				
	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-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.

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SpA