



**DAXTEN POWER**  
beyond limits SpA

# **M POWER SERIES 3/1**

**Tower**

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

**10kVA - 20kVA**

## **SALIENT FEATURES**

- \* **Large blue back light LCD for detailed real-time UPS status display**
- \* **Comprehensive self-protection design**
- \* **Microprocessor control guarantees high reliability**
- \* **N+X parallel redundancy and capacity expansion**
- \* **Auto self-testing system while turning on UPS**
- \* **Maintenance bypass switch**
- \* **Wide input voltage range**
- \* **Audible alarm mute**
- \* **Cold start function**

## **APPLICATIONS**



Data Center



Telecom



Industry



Network



Security



Labs



Medical



Metro



## TECHNICAL SPECIFICATIONS

Product Series		M POWER SERIES 3/1 (TOWER)		
Model		MP-1031	MP-1531	MP-2031
Capacity	KVA/KW	10KVA/7KW	15KVA/10.5KW	20KVA/14KW
Input	Low Line Transfer	304VAC $\pm$ 3VAC		
	Low Line Comeback	322VAC $\pm$ 3VAC		
	High Line Transfer	478VAC $\pm$ 3VAC		
	High Line Comeback	461VAC $\pm$ 3VAC		
	Frequency Range	50Hz: 46Hz~54Hz; 60Hz: 56Hz~64Hz		
	Phase	Three phase with ground		
	Power Factor	$\geq$ 0.95		
Output	Voltage	220VAC/230VAC/240VAC		
	Voltage Regulation	$\pm$ 1%		
	Frequency	Synchronization range (line mode); 50 or 60 x (1 $\pm$ 0.05%)Hz (Battery mode)		
	Current Crest Ratio	3:1		
	Voltage Distortion	$\leq$ 2% THD(Linear Load) $\leq$ 6% THD(Non-Linear Load)		
	Output Waveform	Pure Sine Wave		
Battery	Battery Type	12V/7.2Ah		
	Number of Batteries	20		
	Backup Time(Full Load)	8 minutes		
	Recharge Time	7 hours to90%		
	Charging Current(Max.)	4.2A		
	Charging Voltage	274Vdc $\pm$ 1V		
	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)	570x260x717		
	UPS Case	600x482.6x132		
Weight	Tower Case	38.5kgs	55kgs	
Environment	Operating Temperature	0-40°C		
	Relative Humidity	20-90%(NON-CONDENSING)		
	Noise Level	<60dB@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.