

Online UPS



## Megaline ML31 series (10 KVA to 20 KVA)



### Features & Benefits

- xxHigh frequency and dual conversion on-line technology
- xxWide input voltage range
- xxAdvancedPFC technology
- xxTrue sine wave output with less than 3% THD
- xxSelf-diagnosis atUPS startup
- xxAdvancedBattery Management (ABM)
- xxCold startfeature (DC power on)
- xxAutomatically chargingbatteries in UPS off mode
- xxLightningand surge protections
- xx speedFanautomatically changes
- xx /EMI RFI noise filter
- xxRS232 (SNMP optional)
- xxShutdown& restart schedule
- xxDigital Control Technology
- xxHigh Efficiency

### Online UPS Range

ML 11 Series	1 - 10 KVA
ML 11T Series	1 - 10 KVA
ML 31 Series	10 - 20 KVA
ML 31T Series	10 - 50 KVA
ML 33 Series	10 - 500 KVA
ML 33T Series	10 - 250 KVA

Technical Specifications – ML 31 Series			
Capacity	10 KVA / 9 KW	15KVA / 13.5 KW	20KVA /18 KW
<b>Input</b>			
Voltage Range	307 V to 478V AC		
Frequency Range	46 to 54 Hz		
Power Factor	> 0.99		
<b>Output</b>			
Voltage	230 V AC Single Phase $\pm 1\%$		
Frequency	50 Hz $\pm 1\%$		
Distortion	$\leq 2\%$ for 100% Linear load, $\leq 5\%$ for 100% Non Linear load		
Wave Form	True Sine Wave		
Overall Efficiency	$\geq 90\%$		
Crest Factor	3:1		
Power Factor	0.9		
Overload Capacity	125% of rated load for 1min, 150% of rated load for 30 sec		
Short Circuit	UPS output turn off and alarm		
<b>Battery</b>			
Model	12 V Sealed lead acid maintenance free		
Voltage	192 V DC		
Recharge Time	8-10 Hrs from fully discharged condition to 100 % charged condition		
DC Bus Ripple	<1%		
<b>Others</b>			
Communication	RS 232; SNMP (Optional) & Auto shutdown facility compatible in Linux/Windows		
Port	NT/2000/XP/Vista/7		
User Friendly MIMIC	UPS status, Battery level, Load level, Fault line		
Protection	Over/Under voltage at I/P Short circuit & overload Lightning / Surge		
LED/LCD Display	Utility, Inverter, Bypass, Battery %, load %, Frequency, UPS fault		
Audible Alarm	Utility failure, Beep/4s; Battery low, Beep/1s; UPS fault, Continuous Alarm		
UPS Abnormal	Continuous Beep and Red LED on		
Noise Level	< 50 db at full load from 1m distance		
Ambient Temperature	< 40°C		
Humidity	10 % - 90 % (Non Condensing)		
Cold Start Facility	Available		
Dimensions (L x W x H) in mm	710 x 350 x 850	1050 x 350 x 950	

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### MSTECHNOLOGIES

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