

Online UPS



Megaline ML33T series (10 KVA to 250 KVA)

Features & Benefits

- ▶ Double Conversion Online UPS
- ▶ Intelligent Microprocessor Control
- ▶ Wide Input Range
- ▶ True Galvanic Isolation
- ▶ Heavy Duty Charger
- ▶ Cold Start on Battery
- ▶ High Efficiency
- ▶ Compact Size
- ▶ True Sine Wave Output
- ▶ SNMP compactable
- ▶ Suitable for 100% Unbalance Load
- ▶ Suitable for Inductive Load

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 33T Series

Rating — KVA	10	20	30	40	50	60	80	100	120	160	200	250
Input												
AC Input	415 V + 15% -15 % Three Phase Input											
Frequency	50Hz ± 6%											
DC Voltage	360 V DC											
Charging Time	12 Hours for 90% of full Capacity											
Charger Type	CVCC 6 Pulse Controlled Rectifier type											
Inverter												
Technology	IGBT Double Conversion											
Output Voltage	400/415 V AC Three Phase											
Frequency	50Hz ± 0.1Hz											
Voltage Regulation	± 1% for DC Input Variation and Output Load Variation											
Waveform	PWM Sine wave											
Harmonic Distortion	Less than 3%											
Inverter Efficiency	>92%											
Power Factor	0.8											
Overload	150 % for 60 Sec											
Crest Factor	3:1											
Phase Displacement	120° ± 1°											
Transient Recovery	± 4% Under full load change and corrected within 60 millisecc											
Audible Noise	Less than 60dB at 1 Meter											
Metering												
Microprocessor Based Digital LCD Meter for Communication	R,Y,B Output Voltages, Output Currents & Frequency, DC Voltage , Battery and Load Percentage SNMP (Optional)											
Protections												
Output Overload & Short Circuit, Output Under & Overvoltage, DC Under & Overvoltage, Input Under & Overvoltage, Single Phasing & Phase Unbalance												
Indications & Alarms												
a) Mains On	Indication											
b) Inverter On	Indication											
c) DC Low	Indication & Alarm											
d) Fault	Indication & Alarm											
e) Output Overload	Indication & Alarm											
Bypass Facility												
Static Bypass Switch (Optional)	Bi-Directional											
General												
Humidity	Max 95%, Non-condensing											
Operating Temperature	0°C to 40°C											
Dimensions (L x W x H) in mm	1050 x 350 x 950	1250 x 450 x 1200	1450 x 450 x 1200	800 x 750 x 2000	2000 x 750 x 2050							

► Specifications are subject to change without prior notice due to constant improvement in design & technology ► Custom models available on request

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