

SPECIFICATION :

SERIES	S	X	M	L	LL
BACK-UP TIME AT FULL LOAD	15 min.	30 min.	60 min.	120 min.	240 min.
BACK-UP TIME AT HALF LOAD	30 min.	60 min.	120 min.	240 min.	480 min.

MODEL	OL-1K	OL-2K	OL-3K	OL-4K	OL-5K	OL-6K	OL-7.5K	OL-10K	OL-15K	OL-20K
CAPACITY	1KVA	2KVA	3KVA	4KVA	5KVA	6KVA	7.5KVA	10KVA	15KVA	20KVA
TECHNOLOGY				Double conversion SPWM technology						
AC INPUT	Voltage			220V AC (Single phase) or 380V AC (Three phase), ± 25% ± 20%						
	Frequency			50/60 Hz ± 3Hz						
BATTERY	Type			Sealed lead acid battery, Maintenance free battery						
	Charging Time			About 10 hours 90% after fully discharged						
PROTECTION				Lightning, Transient/Spike, Surge, Sag, Black Out, Brown out, Flicker, Over voltage, Under voltage, Over Load, Short circuit, Battery over charge, Battery low(deep discharge) & Noise (EMI/RFI) as per International safety standard						
AC OUTPUT	Frequency			50/60Hz						
	Voltage			110 V or 220V (± 5% adjustable), Single Phase						
	Voltage regulation			±1% or ± 2%						
	Frequency stability			± 0.5%						
	Power factor			0.7~1 (Lagging)						
	Transient response			— + 4% for 100% instantaneous load variation, recovery to 1% of rated load within 2 ms						
	Harmonic distortion			< 3% Of T.H.D at linear load						
	Wave form			Pure sine wave						
	Overload detection			125% for 10 secs. and 150% for 10 cycles. Crest factor 3:1						
EFFICIENCY				Synchronize slew rate						
				< 1Hz/sec						
				> 85%						
TRANSFER	Power failure or recovery time			0(zero)ms						
	Overload disappear			Auto transfer to UPS						
	UPS to bypass or vice versa			Uninterrupted transfer of 100% load from UPS to bypass and vice versa.						
NOISE LEVEL AT 1M. DISTANCE				< 55 dBA						
LED INDICATORS	Status			Line input (green), Inverter output (green), Bypass (amber), Fault (red)						
	Battery capacity			5 green LEDs, 2 red LEDs and red LEDs indicate battery low condition						
	Load level			5 green LEDs, 2 red LEDs and red LEDs indicate overload condition						
ALARM	Battery discharge			The first warning will beep every 4 seconds to indicate battery in use . The second warning will beep every 1 second to signal battery low condition.						
	UPS fault			Continious beeping sound						
ENVIRONMENT	Temperature			10°C ~ 60°C						
	Humidity			20%~90% (Non condensing)						
COMPUTER INTERFACE	Support RS 232 for UPS monitoring utility software			Provide power management & diagnostic functions including power status (Input/output voltage, frequency), Battery Low, Schedule UPS ON/OFF, Battery/load level display and more. Compatible with MS Dos, Windows 3.XX/95/98/XP/7/NT & Novell, etc.						

✓ **Higher capacity and special type of UPS (On-Line) with other Input Voltage range, Output Voltage and Back-up time are also available.**

NOTE : 1) ACTUAL SERIES WILL BE INDICATED WITH EACH MODEL DEPENDING ON BACK-UP TIME

2) CAPACITY AND BACK-UP TIME AS MENTIONED ABOVE ARE FOR COMPUTER LOAD.

FOR ANY OTHER APPLICATION, PLEASE CONTACT WITH MICRO CONTROL TECHNOLOGY

Micro Control Technology other's Products:

- ✓ Automatic Industrial Voltage Stabilizer (IVS)
- ✓ Uninterruptible power Supply (Off-Line)
- ✓ Automatic Voltage Stabilizer
- ✓ Instant Power Supply (IPS)
- ✓ Moving Message Display
- ✓ Inverter-Converter
- ✓ AC & DC Variable Power Supply
- ✓ Auto Changeover Switch
- ✓ Generator (Gas & Diesel)
- ✓ Battery charger
- ✓ CCTV System
- ✓ Battery
- ✓ Sub-Station Equipments
- ✓ HVAC System
- ✓ Solar system
- ✓ PFI Plant
- ✓ Rectifier
- ✓ Timers

Micro Control Technology other's Services:

Repair & Maintenance of Medical Equipment, Textile Machineries, Spinning Machineries, Weaving Machineries, Knitting Machineries, Dyeing & Finishing Machineries, Embroidery Machineries, Label Machineries and others Industrial control panel and their modification. We also Design & Supply different types of Electronics, Instruments & Electrical Industrial Equipments required by the customer.



Micro Control Technology

Head Office : House # 02, Road # 01, Block # C, Mirpur # 06, Dhaka-1216, Bangladesh
 Mobile : 01914 259895, 01712 258689, E-mail : micro.ct2008@gmail.com, micro.ct08@gmail.com