

# 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), $\pm 25\% \pm 20\%$								
	Frequency	50/60 Hz $\pm 3\text{Hz}$								
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 ( $\pm 5\%$ adjustable), Single Phase								
	Voltage regulation	$\pm 1\%$ or $\pm 2\%$								
	Frequency stability	$\pm 0.5\%$								
	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		< 1Hz/sec								
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