

ONL series

Advanced Power Protection for Enterprise Network



- Sinewave Pulse Width Modulation (SPWM)
- IGBT inverter design
- Double conversion on-line system
- Microprocessor control
- Smart RS-232 communication port
- SNMP management capability
- Wide Input Voltage Windows (+/-25%)
- Pure sinewave output less than 3% THD
- Versatile, modular design
- Expandable battery run time
- Generator compatible
- Cold start (DC power on)
- Load/Battery power meter display
- Overload, on-line, battery status LED
- Advanced Battery Management (ABM)
- Automatically charging in UPS off mode
- 20kHz SPWM high frequency inverter



Complete Power Solution™

ISO 9001 Certified Company

SPECIFICATION

Tower Model (LED display)	ONL 2000S	ONL 3750S	ONL 6250S	ONL 7500S	ONL 10KS	ONL 15KS	ONL 10KS31	ONL 15KS31	ONL 20KS31	ONL 20KL31	
Power Rating	2KVA/1.6KW	3.75KVA/3KW	6.25KVA/5KW	7.5KVA/6KW	10KVA/8KW	15KVA/12KW	10KVA/8KW	15KVA/12KW	20KVA/16KW	20KVA/16KW	
AC Input	110V SYSTEM : 82.5-137.5V 220V SYSTEM : 165 - 275 V										
AC Input	Voltage										
Frequency	50 Hz or 60 Hz +/- 5 Hz										
Phase	Single phase										
Battery	DC Voltage	120 V	192 V	192 V	192 V	192 V	192 V	192 V	192 V	360 V	
Back-Up Time	Full Load	12 min	12 min	5 min	14 min	10 min	10 min	10 min	10 min	10 min	
Half Load	30 min	29 min	15 min	35 min	25 min	28 min	25 min	28 min	24 min	24 min	
Type	Sealed lead acid battery, free maintenance										
Protection	Battery low cut-off without draining any current										
Recharge Time	About 8 hours to 90% after fully discharged										
AC output	Frequency	50 Hz / 60 Hz									
Voltage, phase	110 / 115 / 120 / 220 / 230 / 240 V Single phase										
Voltage regulation	+/- 0.5 %										
Frequency stability	+/- 0.5 %										
Power factor	0.8 - 1.0 (lagging)										
Harmonic distortion	< 3 % of THD at linear load										
Overload detection	125% to 150% for 20 seconds, 150% for 10 cycle										
Efficiency	Whole	> 80 %	> 84 %	> 85 %	> 85 %	> 85 %	> 85 %	> 85 %	> 85 %	> 85 %	
Inverter	> 86 %	> 88 %	> 90 %	> 90 %	> 90 %	> 90 %	> 90 %	> 90 %	> 90 %	> 90 %	
Transfer	Power failure or Recovery	0 ms									
Overload disappear	Auto transfer to UPS										
UPS to Bypass or vice versa	0 ms										
Noise level	1m distance	< 55 dBA									
LED Indicators	Status	Indicate line, bypass, inv. fault, bat capacity, load capacity									
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	Continuous beeping sound										
Environment	Temperature	0°C ~ 40°C									
Humidity	0 % ~ 95 % (Non condensing)										
Interface	Dry contact	Sends AC failure and battery low signals, and receives shutdown signal									
RS232	Detect power failure, Battery low, Schedule UPS on/off, AC power status display										
OPTION	Novell, SNMP, Windows NT, Windows 95/98										
Physical size	W x D x H (mm)	265 x 532 x 583 10.4" x 20.9" x 22.9"	265 x 641 x 750 10.4" x 25.2" x 30.4"	350 x 641 x 1010 13.8" x 25.2" x 38.2"	600 x 857 x 1010 23.6" x 34.4" x 38.2"						
Weight	Net weight (kgs)	76 (167.2 lb)	117 (257.4 lb)	160 (352 lb)	167 (367.4 lb)	175 (385 lb)	167 (367.4 lb)	175 (385 lb)	215 (473 lb)	431 (948.2 lb)	

Available Through:



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