

# ONL II-33 Series

Three Phase professional UPS are the best choice for industrial usage.



ONL II-80K33-120K33

ONL II-160K33-250K33

- On-Line UPS Design
- Pure Sinewave Output
- Three Phase Power Input
- Isolation Transformer
- Generator Compatible
- DSP (Digital Signal Processor) Control
- IGBT Modular Design
- Dry Contact Function
- Human-Voice Alarm Reminding
- Industrial Usage

## Specifications

Model	ONL II-80K33	ONL II-100K33	ONL II-120K33	ONL II-160K33	ONL II-200K33	ONL II-250K33
<b>Capacity</b>						
Capacity (VA)	80 KVA	100 KVA	120 KVA	160 KVA	200 KVA	250 KVA
Capacity (Watts)	64 KW	80 KW	96 KW	128 KW	160 KW	200 KW
Phase	Three Phase					
<b>Main Input</b>						
Grid System	3 Phases + Neutral + Ground					
Voltage	190 / 200 / 208 / 220 / 380 / 400 / 415 / 440 VAC (Line-Line)					
Voltage Range	152 - 528 VAC (Line-Line)					
Frequency	50 / 60Hz (Auto Sensing)					
Frequency Range	45 - 65Hz					
<b>Output</b>						
Inverter Voltage	190 / 200 / 208 / 220 / 380 / 400 / 415 / 440 VAC (Line-Line)					
Inverter Frequency	50 / 60Hz					
Output Power Factor	0.8 - 1.0 Lagging					
Voltage Precision	±1.0% (100% Linear Load)					
Transient Response	Linear Load 0-100 % < 5%					
Transient Recovery	±2.0% < 50 ms					
Output THDv	<3% (Linear Load)					
Inverter Overload	> 100%, 30 min					
	> 125%, 10 min					
	> 150%, 1 min					
Frequency Regulation	50 / 60Hz ± 0.1%					
Synchronized Range	Default Range : ± 5 Hz					
Synchronized Slew Rate	Default Range : 1 Hz/s					
<b>Battery And Charger</b>						
Battery Voltage	80K(120/208VAC) : 192VDC, 12V-16 pcs one set 80-120K(220/380VAC) : 360VDC, 12V-30 pcs as one set			160K-250K(220/380VAC) : 384V, 12V-32 pcs as one set		
Charger Voltage precision	1%					
Charger Power	Battery 16 pcs-220VDC, Battery 30 pcs-410VDC, Battery 32 pcs-435 VDC Current: Depending on the model used 1.5, 2.5, 3, 5, 10, 15, 20, 30, 40, 50A Options and Automatic Current Limiting Function can be set					
<b>Bypass Input</b>						
Voltage	190 / 200 / 208 / 220 / 380 / 400 / 415 / 440 VAC (Line-Line)					
Voltage Range	152 - 528 VAC (Line-Line)					
Frequency	50 / 60Hz					
Frequency Range	45Hz to 65Hz					
Bypass Overload	> 100%, 30 min					
	> 125%, 10 min					
	> 150%, 1 min					
<b>Efficiency</b>						
Normal Operation	> 89 %			> 90 %		
Battery Operation	> 91 %			> 92 %		
<b>Static Transfer Switch</b>						
Inverter to Bypass	0 ms					
Bypass to Inverter	0 ms					
Transfer Efficiency	> 99%					
<b>Environmental</b>						
Operation Temperature	0 - 40°C					
Storage Temperature	-15 - 60°C					
Relative Humidity	0 - 95% (Non condensing)					
Noise (1m from surface)	Less than 60 dBA					
Altitude	Normal Load: <1000m					
	Load derated 1% per 100m From 1000 to 2000m					
<b>Physical data</b>						
6P	Dimension (WxDxH) (mm)	810 x 810 x 1900 (220/380VAC)			1400 x 1000 x 1800 (220/380VAC)	
	Weight (kg) (Without Battery)	677	680	730	1035	1055
12P	Dimension (WxDxH) (mm)	1300 x 810 x 1900 (220/380VAC)			1400 x 1000 x 1800 (220/380VAC)	
	Weight (kg) (Without Battery)	810	860	910	1035	1055
<b>Alarm</b>						
Event Log	Detail UPS status description not use error code, record item number of event max 2400					
Network	Network connection port (10/100 Base. T) and remote monitoy control, not use SNMP card.					
Dry Contact	Max item: 20 status, programable select: 4 item					
<b>System</b>						
Display	7" TFT LCD Touch Screen Indicator					
Interface	Standard : RS232 / RS485 / Dry Contact					
	Optional : SNMP					
Other Function	Standard : Battery Cold Start					
	Optional : Parallel Kit					

\*\* Specifications are subject to change without further notice.

\*\* Specifications are for reference, actual information should be based on real product.