

ONL II-33 Series

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

- 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



ONL II-10K33-30K33

ONL II-45K33-60K33

Specifications

Model	ONL II-10K33	ONL II-15K33	ONL II-20K33	ONL II-30K33	ONL II-45K33	ONL II-60K33
Capacity						
Capacity (VA)	10 KVA	15 KVA	20 KVA	30 KVA	45 KVA	60 KVA
Capacity (Watts)	8 KW	12 KW	16 KW	24 KW	36 KW	48 KW
Phase	Three Phase					
Main Input						
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					
Output						
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					
Battery And Charger						
Battery Voltage	10-80K(120/208VAC) : 192VDC, 12V-16 pcs as one set 10-120K(220/380VAC) : 360VDC, 12V-30 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					
Bypass Input						
Voltage	190 / 200 / 208 / 220 / 380 / 400 / 415 / 440 VAC (Line-Line)					
Voltage Range	152 - 528 VAC (Line-Line)					
Frequency	50 / 60 Hz					
Frequency Range	45 - 65 Hz					
Bypass Overload	> 100%, 30 min > 125%, 10 min > 150%, 1 min					
Efficiency						
Normal Operation	> 85 %		> 86 %		> 88 %	
Battery Operation	> 87 %		> 88 %		> 90 %	
Static Transfer Switch						
Inverter to Bypass	0 ms					
Bypass to Inverter	0 ms					
Transfer Efficiency	> 99%					
Environmental						
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					
Physical Data						
Dimension (WxDxH) (mm)	530 x 859 x 1010				810 x 810 x 1900	
Weight (kg) (Without Battery)	310	340	368	398	515	567
Alarm						
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					
System						
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.