

Logix 3:3



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- Eco mode operation for energy saving (ECO)
- Accepts dual-mains inputs
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers
- Maintenance bypass available
- Optional N+X parallel redundancy
- Optional isolation transformer offers full isolation and complete common mode noise rejection
- NEXTVision shutdown software suite
- 3 years NEXT Onsite warranty

Logix 3:3 10KVA/20KVA Online UPS Selection Guide

MODEL		Logix 3:3 10kVA	Logix 3:3 20kVA
PHASE		3 phase in / 3 phase out	
CAPACITY		10000 VA / 8000 W	20000 VA / 16000 W
INPUT			
Voltage Range	Low Line Transfer	176 VAC (phase voltage) $\pm 3\%$ @ 100% load 110 VAC (phase voltage) $\pm 3\%$ @ 50% load	
	Low Line Comeback	186 VAC (phase voltage) $\pm 3\%$ @ 100% load 120 VAC (phase voltage) $\pm 3\%$ @ 50% load	
	High Line Transfer	300VAC (phase voltage) $\pm 3\%$	
	High Line Comeback	290VAC (phase voltage) $\pm 3\%$	
Frequency Range		46-54 Hz or 56-64Hz	
Power Factor		≥ 0.99 @ 100% load	
OUTPUT			
Output Voltage		208/220/230/240VAC (3Ph+N)	
AC Voltage Regulation (Batt. Mode)		$\pm 1\%$	
Frequency Range (Synchronized Range)		46-54Hz or 56-64Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		$\leq 2\%$ THD (Linear Load) ; $\leq 5\%$ THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		89%	89%
Battery Mode		86%	87%
BATTERY			
Standard Model	Battery Type	12 V / 9 Ah	
	Numbers	20 pcs (18-20 pcs adjustable)*	2 x 20 pcs (18-20 pcs adjustable)*
	Typical Recharge Time	9 hours recover to 90% capacity	
	Charging Current (max.)	1A	2A
Charging Voltage		273 VDC $\pm 1\%$ (based on battery numbers at 20 pcs)	
INDICATORS			
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault	
ALARM			
Battery Mode		Sounding every 4 seconds	
Low Battery		Sounding every second	
Overload		Sounding twice every second	
Fault		Continuously sounding	
PHYSICAL			
Standard Model	Dimension, D x W x H(mm)	815 x 250 x 826	815 x 250 x 826
	Net Weight (kgs)	109	164
ENVIRONMENT			
Humidity		0-95 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 58dB @ 1 Meter	Less than 60dB @ 1 Meter
MANAGEMENT			
Smart RS-232 / USB		Supports Windows [®] 2000/2003/XP/Vista/2008, Windows [®] 7, Linux, Unix, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	
NEXT PARTNUMBERS			
LOGIX 3:3		77125	77126
LOGIX 3:3 EXB (Battery Extension)		77127	77127
NEXT 5+ Warranty Extension (UPS)		11011	11011
NEXT 5+ Warranty Extension (EXB)		11017	11017
SNMP/WEB Interface		99002	99002

* When using internal batteries from 18-19, the unit will de-rate according to the below formula: $P = P_{\text{Rating}} \times N/20$.

Product specifications are subject to change without further notice.