LOGIX RT



Logix RT 1000/1500/2000/3000 VA



• True double-conversion online UPS

A true double conversion UPS will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer centers servers, telecom applications, as well as for industrial applications.

• Output power factor 0.9

Logix RT is a high-density UPS with output power factor 0.9 to provide higher performance and efficiency to critical applications.

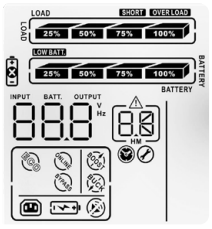
• User-friendly and easy-shift LCD display

The front panel digital display can be easily shifted through LCD setting to suit the installation format, vertically stand or flat wall mount.



Logix RT 1-3kVA

LCD Display Panel:



Rack display



Tower display

• Rack/Tower design

Logix RT series is designed in true universal-mount case. It can be easily installed as floor-standing tower or in 19-inch rackmount bracket.



19" rack-mounting



Floor-standing Tower

• Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.



Programmable Outlets (P1) - connect to non-critical devices

• 50/60 Hz frequency converter mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipments.

• ECO and advanced ECO mode for energy saving

It allows UPS to operate in high efficiency up to 97% in energy-saving ECO mode. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems. Logix RT 1-3kVA even offers advanced ECO mode to allow UPS to operate at higher efficiency up to 98%.

• Emergency Power Off Function (EPO)

This feature can secure the personnel and equipment in case of fires or other emergencies.

• Hot-swappable battery design for 1-3kVA models only

This design ensures clean and uninterruptible power to protected equipment during battery replacement.





Logix RT EXB Battery Pack

Capacity	1kVA	1.5kVA	2kVA	3kVA
Battery Type	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah
# Batteries	4 pcs	6 pcs	8 pcs	12 pcs
Dimension (DxWxH)	480 x 438 x 88	480 x 438 x 88	480 x 438 x 88	600 x 438 x 88
Net Weight (kgs)	31.1	29.1	31.1	43.3



1kVA/1.5kVA/2kVA/3kVA Battery Pack

Logix RT Online UPS Selection Guide

MODEL		LOGIX RT 1000	LOGIX RT 1500	LOGIX RT 2000	LOGIX RT 3000
PHASE		Single phase with ground			
CAPACITY	VA	1000 VA	1500 VA	2000 VA	3000 VA
	W	900 W	1350 W	1800 W	2700 W
INPUT					
Voltage Range	Low Line Transfer	160 VAC / 140 VAC / 120 VAC / 110 VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			
	Low Line Comeback	170 VAC / 150 VAC / 130 VAC / 120 VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			
	High Line Transfer	150 VAC ± 5 % or 300 VAC ± 5 %			
	High Line Comeback	140 VAC ± 5 % or 290 VAC ± 5 %			
Frequency Range		40Hz ~ 70Hz			
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)			
OUTPUT					
Output Voltage		208/220/230/240 VAC			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		47 ~ 53 Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.2 Hz			
Current Crest Ratio		5:1 (max.)			
Harmonic Distortion		≤ 2 % THD (Linear Load) ; ≤ 8 % THD (Non-linear Load)			
Transfer Time	Line mode to Battery mode	Zero			
	Inverter to Bypass	4 ms (Typical)			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
AC Mode		86%		88%	
Battery Mode		83%		85%	
BATTERY					
Battery Type		12 V / 9 AH	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
Numbers		2	3	4	6
Typical Recharge Time		4 hours recover to 90% capacity	4 hours recover to 90% capacity	4 hours recover to 90% capacity	4 hours recover to 90% capacity
Charging Current (max.)		1.0 A	1.0 A	1.0 A	1.0 A
Charging Voltage		27.4 VDC ± 1%	41.1 VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%
INDICATORS					
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator			
ALARM					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continously sounding			
PHYSICAL					
Dimension, D x W x H (mm)		380 x 438 x 88 [2U]	480 x 438 x 88 [2U]	480 x 438 x 88 [2U]	600 x 438 x 88 [2U]
Net Weight (kgs)		12.9	17.6	20.6	28
ENVIRONMENT					
Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 50dBA @ 1 Meter			
MANAGEMENT					
Smart RS-232 / USB		Supports Windows®, Linux, Unix, and MAC			
Optional SNMP/Web Interface		Power management from SNMP manager and web browser			
NEXT PARTNUMBERS					
LOGIX RT		77111	77112	77113	77114
LOGIX RT EXB (Battery Extension)		66001	66002	66003	66004
NEXT 5+ Warranty Extension (UPS)		11005	11006	11006	11008
NEXT 5+ Warranty Extension (EXB)		11012	11013	11014	11015
SNMP/Web Interface		99002	99002	99002	99002

Product specifications are subject to change without further notice