



Claire 3000

Pure Sine Wave Line Interactive UPS

CLAIRE 500VA ~ 3KVA

Designed for fulfilling high quality power protection demand, Claire series line interactive UPS provides pure sine wave AC output available for 500VA, 750VA, 1000VA, 1500VA, 2000VA, 3000VA capacity. The innovative design enables the whole series can be converted to tower or rack configuration. This series UPS can be applied to standard 19" rack, and the 1U or 2U height design facilitates your whole system planning and installation. The Claire series provides you satisfying reliable performance and maximize the flexibility for your system integration.

- Microprocessor control guarantees high reliability
- Built-in boost and buck AVR to stabilize the output voltage
- Pure sine wave output
- High frequency design with higher power density
- Green Power function to save the battery capacity with no load
- Extendable backup time with external battery cabinet
- User selectable output voltage
- User selectable line sensitive
- The separated UPS and EBM design for 1.5 & 2Kva available for different installation environment
- Smart RS-232 / USB / Dry-contact communication port
- Free download software from the internet to monitor UPS status
- Easy-to-read status indicators and easy-to-use controls with audible alarms for critical warnings
- Overload, short-circuit, and overheat protection
- Hot swappable / user-replaceable battery design
- Intelligent slot allows remote monitoring, start-up or restart for connected equipment
- 19" rack mount available

Powering Your Connection



Claire 500/750 1U



Claire 750/1000



Claire 1500/2000

CLAIRE SERIES LINE INTERACTIVE SINEWAVE UPS SPECIFICATION

MODEL			Claire 500 1U	Claire 750 1U	Claire 750	Claire 1000	Claire 1500	Claire 2000	Claire 3000	
CAPACITY	VA/W		500VA/350W	750VA/500W	750VA/500W	1000VA/700W	1500VA/1050W	2000VA/1340W	3000VA/2100W	
INPUT	Voltage		110/120/127VAC or 220/230/240VAC							
	Voltage Range	Acceptable Voltage Range	0-160VAC / 0-300VAC							
		Line Low Transfer(Wide Mode)	77/84/89VAC ± 4% or 154/161/168VAC ± 4%							
		Line Low Transfer	88/96/102VAC ± 4% or 176/184/192VAC ± 4%							
		Line Low Comeback	93/101/107VAC ± 4% or 186/194/202VAC ± 4%							
		Line High Transfer	132/144/152VAC ± 4% or 264/276/288VAC ± 4%							
		Line High Comeback	127/139/147VAC ± 4% or 254/266/278VAC ± 4%							
	Frequency Range		50/60Hz ±5Hz for Normal Mode; >40Hz for Generator Mode							
	Surge Rating (LV/HV)		320 / 230 Joules				430 / 250 Joules		500 / 640 Joules	
OUTPUT	Voltage		110/120/127VAC or 220/230/240VAC							
	Voltage Regulation (Batt. Mode)		±5% RMS for entire battery voltage range							
	Frequency		50Hz or 60Hz							
	Frequency Regulation (Batt. Mode)		±0.1Hz							
	Waveform		Pure Sine Wave							
OVERLOAD RATING	Line Mode		110% -0%, +8%; shutdown after 3 minutes. 150% -0%, +10%; shutdown after 10 cycles							
	Battery Mode		110% ± 6%; shutdown after 30 seconds. 120 % ± 6 %; Shutdown after 5 cycles							
TRANSFER TIME	Typical		2-4ms Typical, 6 ms max ; 13ms max. for Generator mode							
BATTERY	Battery Type*		6V/9AH	6V/9AH	12V/7AH	12V/9Ah	12V/7AH	12V/9Ah	12V/5Ah	
	Battery Number		2pcs	3pcs	2 pcs	2 pcs	4 pcs	4 pcs	8 pcs	
	Backup Time (at full load)		4 ~ 5 minutes							
	Recharge Time		4 hours to 90%				3 hours to 90% after discharged			
INDICATORS	AC Mode		Line LED lighting							
	Backup Mode		Battery LED flashing every 4 seconds							
	Site Fault		N/A				Site fault LED lighting (for 120Vac models)			
	Load/Battery Level	4-segment LED bar-		0-25% : 4th LED lighting		26%-50% : 3rd and 4th LEDs lighting				
						51%-75% : 2nd, 3rd, and 4th LEDs lighting				
						76%-100% : 4 LEDs in a row all lighting				
	UPS Fault		Fault LED Lighting							
	Overload		OverLoad LED lighting							
Low Battery		Battery LED flashing every second								
AUDIBLE ALARM	Backup Mode		Sounding every 4 seconds							
	Low Battery		Sounding every second							
	UPS Fault		Continuously Sounding							
	Overload		Sounding every second							
	Battery Replacement		Sounding every second							
PHYSICAL	UPS Case	Dimension (WxHxD) mm	386*44.4*325	386*44.4*325	235*86.2*383	235*86.2*383	217*86.5*413.5	217*86.5*413.5	438*86.2*582	
		Net weight (kgs)	4.7	8.3	8.6	9.6	6.5	6.5	31.5	
	Battery Case	Dimension (WxHxD) mm	N/A			N/A		217*86.5*413.5	217*86.5*413.5	438*86.2*582
		Net weight (kgs)	N/A			N/A		11.5	12	40.3
ENVIRONMENT	Operating Environment		0- 40°C, 0-90 % relative humidity (non-condensing)							
	Noise Level		Less than 45dB							
INTERFACE	RS-232		Support Windows family, Linux and Mac							
	Dry-Contact		YES	YES	YES	YES	YES	YES	YES	
	USB		YES	YES	YES	YES	YES	YES	YES	
	SNMP		N/A	N/A	N/A	N/A	Optional	Optional	Optional	
	EPO		N/A	N/A	N/A	N/A	YES	YES	YES	



CENTRALION INDUSTRIAL INC

Address: 9F, NO. 135,Sec. 2, Ta-Tong Rd., Hsi-Chih, Taipei Hsien, Taiwan R.O.C.
 Tel: 886-2-8692-6288 (20 Lines) Fax:886-2-8692-6289
 E-mail: sales@centralion.com Home Page: <http://www.centralion.com>