



CL6000RT-10000RT

6~10kVA, 1:1 phase PF 0.9, Rack-Tower



Features

- Online-Double conversion
- Non Transfer Time of output
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 3%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- Wide input voltage range: 120~276Vac
- Wide input frequency range: 45~55Hz/54~66Hz ± 0.5Hz
- Self-testing when UPS startup
- nput over/under-voltage protection
- Automatic bypass
- DC start
- Comunication port: RS232, USB
- Options: SNMP card / Relay card



EXIT

Control Panel



The LCD Panel can be rotated



Battery Cabinet













Too	hnical	Snooi	fications

Technical Specificati	ions		Arboita	
Model		CL6000RT	CL10000RT	
Cabacity (VA/Wat	ts)	6VA/5.4KW	10VA/9KW	
INPUT				
Nominal Voltage		220/230/240Vac		
Operating Range		120~276Vac		
Frequency Range		50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)		
Power Factor		≥0.99		
Bypass voltage range		Max.voltage: 220V: +25%(optional +10%,+15%,+20%)		
		230V: +20% (optional +10%,+15%)		
		240V: +15% (optional +10%)		
		Min.voltage: -45% (optional -20%,-30%)		
Bypass frequency range		Frequency protection range:±10%		
ECO range		Same as bypass		
Harmonic distortion (THDi)		≤3%(100% linear load)		
Generator input		Support		
OUTPUT				
Output Voltage		220/230/240Vac		
Power Factor		0.9		
Voltage Regulation	on	±1%		
Frequency	Line Mode	$\pm 1\%/\pm 2\%/\pm 4\%/\pm 5\%/\pm 10\%$ of the rated frequency(optional)		
	Bat. Mode	50/60(±0.	1)Hz	
Crest Factor		3:1		
Harmonic Distorti	on (THDv)	≤2% with lin	ear load	
Transfer Biscorti	011 (11154)	≤5% with non-l	inear load	
Efficiency		>93.5%		
BATTERY				
Battery voltage		±96/108/120Vdc	(optional)	
Capacity (standard unit)		12V-7Ah/9Ah		
Typical recharging time		6~8 hours (to 90% of full capacity)		
Charging current		Standard unit); Long run unit Max.current10A(charging current can be set according to battery capacity install		
Transfer time		Mains to battery:0ms; N	fains to bypass:0ms	
Overload	Line Mode	Load≤110%: last 10min, ≤130%: last 1min, >	130% turn to bypass mode immediately	
Overload	Bypass Mode	40A (Breaker)	63A(Breaker)	
Short circuit		Hold whole	system	
Overheat		Line Mode: Turn to Bypass; Bat. Mode: Shut down UPS immediately		
Battery low		Alarm and switch off		
Self-diagnostics		Upon power on and software control		
Battery		Advanced battery management		
Audible & Visual alarms		Line failure, Battery low, Overload, System fault		
LED & LCD display		Line , Bat. , Eco , Bypass mode, Battery under voltage, Overload & UPS fault		
LCD display		Input voltage, frequency, Output voltage, frequency, Load percentage, Battery voltage,		
		Inner temperature & Remain	ing battery backup time	
Communication Interface		USB,RS232, Parallel port, SNMP card/Relay card (optional)		
ENVIRONMENT				
Operating temperature		0°C~40°C		
Storage temperature		-25°℃~55°℃		
Humidity range		0∼95% (non-condensing)		
Altitude		< 1500m		
Noise level		<55dl	3	
PHYSICAL				
Dimension D×W×H (mm)		625×440>	×86.5	
Dimension D×W×F				
Net weight (kg)				
Net weight (kg)		IEC/EN62040-1,IE	C/EN60950-1	



