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CDP R-UPR 508 Interactive UPS

CDP R-UPR 508 Interactive UPS User Manual

CDP R-UPR 508 Interactive UPS

R-UPR

- Thank you for selecting this No-break (UPS) system.
- Offers perfect protection for your equipment.
- This manual is an installation and use guide.
- If a problem occurs with the system, please refer to this user manual before calling the Service Center.

Presentation

- The R-UPR series is a line interactive No-break (UPS).
- When the electric flow is normal, the UPS protects against over tension, while using the energy to recharge the internal battery.
- In situations where the flow presents electrical problems, the UPS is capable of supplying immediate alternate current to the connected devices.

Features

- Powerful controls based on microprocessors for higher reliability with automatic regulation.
- Designed to provide, years of protection for your devices and peripherals.
- High-level battery charger to extend their longevity and recharge completely
- Overload protection during operation and backup mode
- Can turn it on without plugging in

Condition Panel

1. LED indicators
2. Cold start / Main button
3. AVR/UPS outlets
4. Protection breaker
5. Surge suppression outlets

6. AC power cord

Installation and Operation

1. Check the UPS when received. The packaging is recyclable, keep it to reuse or dispose of it correctly
2. The power cord at the back panel must be connected to a wall outlet, please remember that the voltage must be the same as the UPS. If the UPS is 220v, the wall outlet must be 220v
3. The power cord of your devices (as a computer) must be connected to the outlets on the back panel
4. While the UPS is connected to the electrical fluid, press the main button for 3 seconds
5. Connect the devices, such as a computer or a monitor, directly to the back panel outlets of the UPS
6. Turning off the UPS: Press the main button of the UPS for 3 seconds. The UPS will turn off.

Warning!

- The maximum consumption, must not exceed 100% of the rated power, depending on the model
- Press the main button of the UPS for 3 seconds; the green LED will turn on to indicate normal operation
- If the UPS has not been used during a period longer than 3 months, should be connected to the wall outlet for a minimum of 6 hours to recharge the battery, before use.
- This model cannot be adapted to an external battery for longer use
- This UPS will supply clean energy while is plugged into an AC outlet
- When the UPS is connected, the battery will charge automatically without pressing the main button. Due to this is normal that the temperature of the UPS increase.
- (Designed to use with computers. Not recommended for lineal loads)

Indicators Definition

Backup Mode	Status	Red LED	Blue LED	Sound
	Normal Battery (Normal load)	2 blinks every 4 seconds	Off	2 beeps every 8 seconds
	No Load (only works for green mode	1 blink every 4 seconds	Off	1 beep every 8 seconds
	Overload l120% of the load)	2 blinks every 4 seconds	Off	Continuous beep
	Temperature Exceeded	32 blinks every 2 seconds	Off	Depends of the load
	Short Circuit	32 blinks every 2 seconds	Off	32 beeps every 2 seconds
	Low Battery	4 blinks every second	Off	4 beeps every second
	External Battery	8 continuous blinks every second	Off	8 continuous beeps every second
	Phase Blocked	Off	4 blinks every second	Off

AC Normal Mode	Status	Red LED	Blue LED	Sound
	Battery Full	Off	On	Off
	Battery 70-90%	Off	1 blink every 8 seconds	Off
	Battery 50-70%	Off	1 blink every 4 seconds	Off
	Battery 30-50%	Off	1 blink every 2 seconds	Off
	Battery 0-30%	Off	1 blink every second	Off
	Overload 120%	Off	On	Timbrado continua

Note: the UPS will keep the sound until the main button is pressed for 1 second

Off Mode	Status	Led ro·o	Led azul	Timbrado
	AC disconnected UPS Off completely	Off	Off	Off
	CA 1/P normal Cargando baterfa	Off	1 blink every 2 seconds	Off
	UPS esta temporalizado (mediente Rs 232)		1 blink every 2 seconds	Off

Troubleshooting

Problem	Possible Cause	Next steps
The UPS doesn't turn on	**The battery voltage is less than 10Vdc**	**Recharge the battery**
	Board damaged	**Call service center**
UPS always backup mode	**The power cord is loose**	**Insert correctly**
	Open Breaker	**Reestablish breaker**
	Electrical fluid too high/too low or has failed	**The condition is normal**
	Plate damaged	**Call service center**
The backup time is too short	**The battery is not charged**	**Recharge the battery for 6 hours**
	Board damaged	**Call service center**
Sound alarm constantly	**Overload in normal operation**	**Unplugged some loads and turn on again**
	Overload backup mode	**Unplugged some loads**
	Battery wear	Charge the battery

Technical Specifications

		R-UPR508i	R-UPR758i	R-UPR1008i
Capacity		500/250W	750/375W	1000/500W
Input	Voltage	220/230/240Vac		
	Voltage range	-30%+25%		
		154 -280Vac System		
	Max. Current	4A/880W	5A/1100W	6A/1320W
	Frequency	50Hz or 60 Hz (Automatic Adjustment)		
Salida	**Regulation Mode**	220/230/240Vac		
	Frequency	50Hz or 60Hz +/- 1Hz		
	Waveform	**Simulated Sine Wave**		
	Transfer Time	2-4ms (Typical)		
	Outlets Nema 5-1SR	**4 Regulated +4 Surge Suppression**		
	Breaker	4AMax.	**SA Max.**	6A Max.
Bateria	Voltage	t2VDC		
	Type	12V/4.5AH 1pcs	12V/7AH 1pcs	12V /9AH 1pcs
	Recharge Time	**4hr at 90% after completing the recharge**		
	Protection	**Against overload and over-discharge**		
Alarma	**Backup Mode Indicator**	**2 short tones every 8 seconds**		
	Low Battery	**4 tones every second**		
	Overload	**Continuous sound**		
	Failure	**Continuous sound**		
Funciones	**Automatic Reset**	Yes		
	Mute Alarm	Yes		
	Indicator Load Mode	Yes		
	Short Circuit Protection	Yes		
	Surge Suppressor	300Joules		
Ambiente	**Temperature**	0°C-40°C		
	Humidity	**O -95%(non condensation)**		
	Dimensions	300•95•140		

Warranty Policy

CDP Warranty Policy A

- Chicago Digital Power warranties this product against defective materials or workmanship for one year from the date of original purchase (With the possibility to be extended to 2 years). Proof of purchase is required.
- To make this warranty valid Proof of purchase is required.
- Bring the product to the original purchase place or the nearest CDP Service Center.
- Make sure to bring also this Warranty Policy.
- For information about Service Centers in your country please call the following numbers.
- (If your country is not here please send a mail to **servicio@cdpups.com**.
- **Bolivia:** 800-100156
- **Colombia:** 01800-5181617
- **Costa Rica:** 800-435737
- **El Salvador:** 800-6773
- **Honduras:** 001800 514 8611
- **México:** 001800 514 8611
- **Panamá:** 01 1-00800-2268611
- **Perú:** 0800-54674
- **República Dominicana:** 188-7514876
- **Venezuela:** 0800-1627485
- Chicago Digital Power will repair or replace the product at its criteria without a cost during the warranty period.
- Repair or replacement time should never exceed 30 days from the date that the unit is received at the CDP Service Center.
- In case this warranty policy is lost please have a copy at the original purchase place.

Warranty Limitations

- **a)** This warranty does not include damages that arise from negligence, misuse, or use not per the product instruction.
- **b)** When the product has been opened or serviced by a nonauthorized service facility, has been altered or changed.
- **c)** Warranty is voided if utility wiring is reversed or lacks of ground.
- **d)** Warranty not valid for normal wear and tear.

(Please complete and submit this information, otherwise you will not have access to the guarantee) (No guarantee will be offered if this format does not accompany the unit at the time of its return to the place of purchase)

Name: _____	
Address: _____	
Phone number:_____	
E-mail: _____	Store Stamp
Shop place:_____	
Purchase address: _____	
Email from the place of purchase:_____	
Product: AVR ☐ UPS ☐ No-Break ☐ Inverter☐	
Modelo: _____	DATE OF DELIVERY

- Calculated with basic PC and 15″LCD monitor. Estimated time.
- Specifications subject to change without notice
- Designed to be used with computers. No recommended to use with linear loads

- **www.cdpups.com**.

Documents / Resources

	CDP R-UPR 508 Interactive UPS [pdf] User Manual R-UPR508i, R-UPR758i, R-UPR1008i, R-UPR 508, R-UPR 508 Interactive UPS, Interactive UPS, UPS

References

- **User Manual**