

NEUROPOWER

Powering Possibilities.
Connecting Futures.



● Online UPS

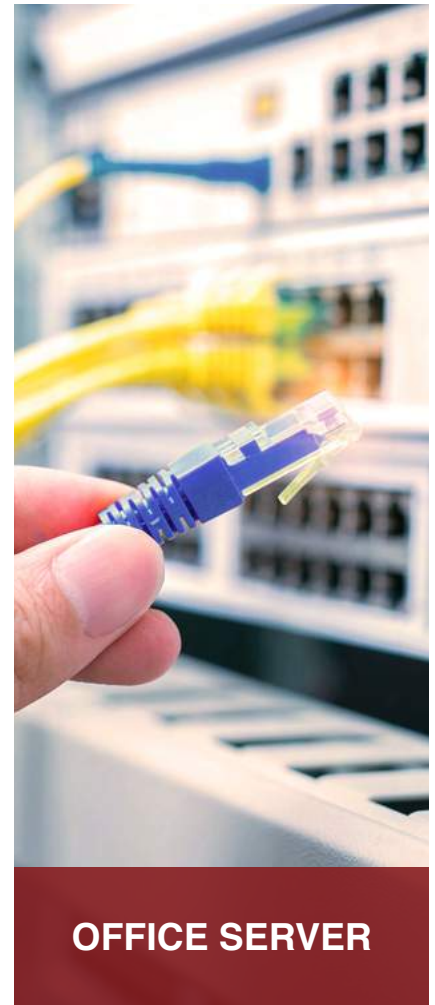
● **Cronus Pro Tower**
Series

Cronus Pro Series

(Tower)

Cronus Pro series is the ideal solution for protecting mission critical systems such as voice over internet protocol (VoIP), telecommunication devices and IT systems to ensure maximum power accountability and reliability. The Cronus Pro series is also available in both tower and rackmount configurations. It is also designed and built using state-of-the-art technology and electrical components to provide maximum power protection to the load connected and optimized energy savings.

The UPS comes with a functional LCD for load level, battery level, AC mode, battery mode and bypass mode as well as fault indicator; RS232 and HID compliant USB interfaces powered with our exclusive PowerMaster Cloud monitoring software. PowerMaster is extremely convenient for you can monitor multiple UPS on a single device and be notified instantly during any event.



Cronus Pro Tower Series 1kVA-10kVA features

Pure sinewave output using true double conversion technology with an output power factor of 0.9

1. Designed using digital microprocessors

UPS output is controlled and configured accurately to meet the desired reliability standards.

2. Built in smart communication port

Manage your power smartly by connecting to any HID (Human Interface Devices) such as a USB port or RS232 and a smart slot for optional Mini-wifi CMCARD-CW, SNMP CARD and Mini-ETH



HID and smart slots can be found on all Cronus Pro models



3. Multifunctional LCD display

Allows easy monitoring and control experience of the UPS operating parameters.



All Cronus Pro series shares the same LCD display

4. ECO mode and high efficiency power conversion available

ECO mode is identical to the concept for the basic mode of operations used in an offline UPS. The online double conversion UPS will function as a 'standby' mode where the transfer time can be compromised for additional energy saving when used with non critical equipment.



5. Compatible with the PowerMaster cloud monitoring software

Users can monitor the UPS's performance in real time from anywhere and anytime easily through any mobile device connected by WiFi.

6. Input power factor correction

UPS input power factor is the ratio between the input active or also known as real power against the input apparent power. By using input power correction technology, more active power will be available from the UPS, essentially allowing more loads to be supported by a single UPS. Thus, saving floor space and overall cost especially cabling and installation.

7. Wide input voltage

The UPS is designed with this feature to take in a wider range of input voltage, necessary for facilities or areas with unstable power supply. With this feature, the UPS will be able to supply uninterrupted power using the input supply power regardless of stability ensuring power continuity.

8. Generator compatible

UPS can be installed in residential or commercial properties with generators on standby. In the event of an extended power outage, the UPS ensures a stable and clean uninterrupted power supply to the essential equipment for its maximum protection and efficiency.

● Cronus Pro Series Models

Comes in a variety of sizes, user friendly components and power rates to provide a versatile power protection solution.



Cronus Pro 1K



Cronus Pro 2K



Cronus Pro 3K




Cronus Pro 6k & Cronus Pro 10K

(with/ without battery box)

Technical Specification

Specification	Model	Cronus Pro 1K (KS)	Cronus Pro 2K (KS)	Cronus Pro 3K (KS)	Cronus Pro 6K (KS)	Cronus Pro 10K (KS)		
	Phase	Single Phase with Ground						
	Capacity (VA /W)	1000 / 900	2000 /1800	3000 / 2700	6000 / 5400	10000 / 9000		
Input	Voltage Range (VAC)	80 - 300 ± 3% at 50% Load 160 - 300 for 1K and 2K at 100% Load 190 - 300 for 3K and above			80 - 300 ± 3% at 40% Load 176 - 300 at 100% Load			
	Frequency Range (Hz)	40 - 70			45 - 55 or 54 - 66			
	Power Factor	≥ 0.99						
Output	AC voltage (VAC) & regulation	208/220/230/240 ± 1%						
	Battery Mode Frequency Range (Hz)	50 ± 0.5%						
	Current Crest Ratio	3 : 1						
	Harmonic Distortion (THD)	≤ 2% (Linear Load); ≤ 5% (Non-Linear Load)						
	Overload Protection	Line Mode	105% - 110 % warning without shutdown Transfer bypass for 111% - 120% at 60s, > 120% immediately			Transfer bypass for 105% - 125% at 1 min, 126% - 135% at 30s, 136% - 150% at 10s, >150% immediately		
		Battery Mode	105% - 110 % warning without shutdown Shutdown for 111% - 120% at 10s, > 120% immediately			Shutdown for 105% -125% at 60s, 125% - 135% at 30s > 135% immediately		
		Bypass Mode	110% - 130% warning without shutdown Shutdown for > 130% immediately			Cut off for 125% - 150% and warning for 60s, Cut off for 150% - 170% and warning for 10s, Cut off for > 170% and warning for 1s		
	Waveform (Batt Mode)	Pure Sine Wave						
	Outlet	2 x British Sockets	2 x British Sockets	3 x British Sockets + 1 x Terminal Block	1 x Terminal Block			
	Efficiency	AC mode	88%	90%	91%	92%		
Battery mode		85%	87%	88%	90%			
ECO mode		96%	96%	96%	96%			
Battery	Standard Model	Battery Type (QTY)	12V9AH SLA (2 pcs)	12V9AH SLA (4 pcs)	12V9AH SLA (6pcs)	12V7AH SLA (16 pcs)	12V9AH SLA (16pcs)	
		Typical Recharge Time to 90% (hours)	4 hours				5 hours	6 hours
		Charging Current (A)	1.5					
		Charging Voltage (VDC)	27.4 ± 1%	54.7 ± 1%	82.2 ± 1%	218.4 ± 1%		
	KS Model	Battery Type (QTY)	2 pcs and depending on SLA battery AH	4 pcs and depending on SLA battery AH	6 pcs and depending on SLA battery AH	16 pcs and depending on SLA battery AH		
		Typical Recharge Time to 90% (hours)						
		Charging Current (A)						4 / 8
Charging Voltage (VDC)	27.4 ± 1%	54.7 ± 1%	82.2 ± 1%	218.4 ± 1%				
Status Indicators	Status	LCD Display for Load Level, Battery Level, AC Mode, Battery Mode, Bypass mode and Fault Indicator						
Alarm	Battery mode	Beeping every 10 seconds						
	Low battery	Beeping every 2 seconds						
	Overload	Beeping twice every second						
	Fault	Continuously Beeping						
Physical	Standard Model	Dimension, W x D x H(mm)	140 x 327 x 191	151 x 390 x 225	196 x 416 x 342	196 x 412 x 702		
		Net Weight (kg)	14.5	17.14	21.3	63.0	68.0	
	KS Model	Dimension, W x D x H (mm)	140 x 327 x 191	151 x 390 x 225	151 x 390 x 225	196 x 412 x 342		
		Net Weight (kg)	4.0	6.9	7.5	12.6	13.0	
Operating Environment	Relative Humidity (Non-Condensing)	20-90 % RH @ 0 - 40°C						
	Noise Level @ 1 Meter (dB)	< 45			< 55			
Power Management	Smart RS 232	Cloud ready PowerMaster Management software supports Windows						
	HID Compliant USB							
	Smart Slot						For mini-wifi CMCARD-W, mini-eth CMCARD-E, mini SNMP PMCARD and mini DCT 400 dry contact card	
Design Standards	Safety and EMC	CE and SIRIM						

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