

KRONOS

TECHNOLOGY, PERFORMANCE AND VALUE FOR MONEY IN THE SMALLEST FOOTPRINT



10kVA ~ 40kVA

Thanks to its reduced footprint, Kronos is the optimum choice when the available space is limited. Moreover, the included features meet the needs of the majority of IT installations with a very positive value-for-money.

PERFECT FOR:



Small datacenter



Telecom



Healthcare



Industry

FEATURES



- The smallest footprint of its category: 0,22m² for 20kVA with 40x9Ah internal batteries
- Up to 95% efficiency in online mode
- Built-in high current battery charger (10kVA with up to 7A standard charger)
- 4 poles manual bypass and Breakers
- Easy maintenance thanks to the vertical boards
- Generator compatibility with ramp up configurable in power and time delay
- Wrong phase sequence rotation protection
- THDi <3% for a minimized grid impact
- High overload capability up to 1 minute @150%
- Cold start function included
- Logfile, UPS information and settings easily downloadable on removable SD card from LCD, to simplify service operations
- Up to 40 x 9Ah internal battery
- Wide range of battery number per string from 26 to 40 LCD settable
- Parallelable up to 6 units, in power or redundancy, LCD settable
- Standard separate or common batteries for parallel systems
- Touch screen colour LCD display for quick and user-friendly operation (14 selectable languages)
- Wide communication offer as a standard: two com slots, RS232, USB, programmable dry contacts

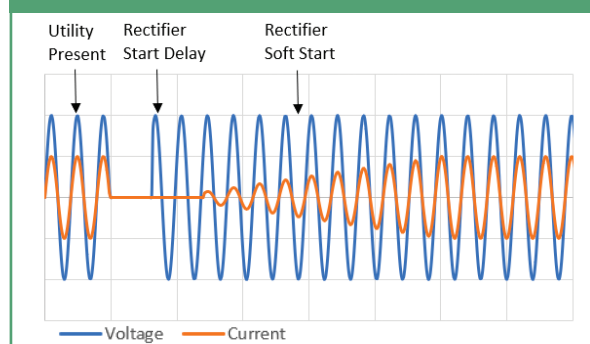
OPTIONS



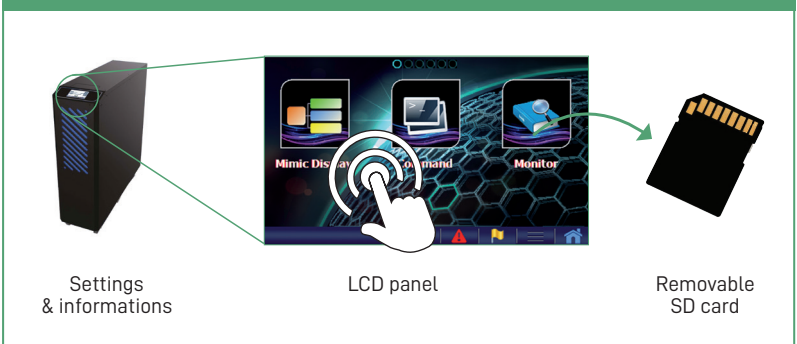
- SNMP, RS485, Modbus boards
- External temperature sensor
- Parallel kit
- Remote Touch Panel suitable to monitor up to 64 units with 3 prog. build-in Output Dry Contacts



GENERATOR COMPATIBILITY



SETTINGS EASILY DOWNLOADABLE ON SD CARD



SPECIFICATIONS

MODEL		KR10S	KR15S	KR20S	KR30S	KR40S
INPUT	Voltage	400V 3 Phase + N				
	Voltage Tolerance	±20% @100% load, -40% ~-20% @50% load				
	Frequency	40 ~ 70Hz				
	Power Factor	≥ 0.99				
	THDi	≤3%				
OUTPUT	Voltage	380/400/415V 3 Phase + N				
	Voltage Tolerance	±1% (Static Load)				
	Frequency	50/60Hz				
	Frequency Tolerance	±0.01% (free running)				
	Power Factor	0.9				
	Crest Factor	3:1				
	Voltage Harmonic Distortion	<2% with linear load; ≤5% with distorting load				
	Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minutes				
BATTERY	Number of batteries	26~40pcs configurable	32~40pcs configurable			
	Charging current Max	7.0A	14A	20A	26A	
	Common Battery for Parallel Configuration	Yes				
	Internal Battery	Available for housing 9Ah 40 pcs				N.A.
EFFICIENCY	VFI Mode	Up to 95%				
	ECO Mode	>98%				
	Backup Mode	Up to 94.5%				
GENERAL	Parallel	Up to 6 units (optional)				
	Dimensions (WxHxD, mm)	260x890x850 (with wheel)				
	Weight (kg)	74 kg	76 kg	85 kg	88 kg	
	Protection Grade	IP20				
	Display and MMI	4.3" color LCD touch screen				
	Built-in Communication Port	RS232, USB, EPO, Dry Contact, 3IN + 10UT				
	Optional Communication	2 communication slots for SNMP card, RS-485 modbus card, Dry contact card				
ENVIRONMENT	Operation Temperature	0~40°C				
	Operation Humidity	0%~95% (without condensing)				
	Standards	IEC EN 62040-1, IEC EN 62040-2				
	Mark	CE				
	Noise	<52dBA @ 1 meter			<55dBA @ 1 meter	
BACK PANEL	Power cables connections					