

# KRONOS

## TECHNOLOGY, PERFORMANCE AND VALUE FOR MONEY IN THE SMALLEST FOOTPRINT

10kVA ~ 20kVA

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



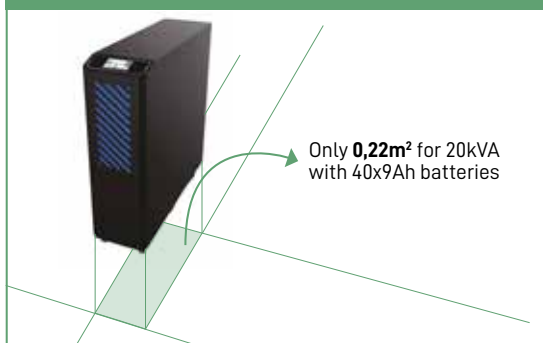
- The smallest footprint of its category: 0,22m<sup>2</sup> for 20kVA with 40x9Ah internal batteries
- Up to 95% efficiency in online mode
- Built-in high current battery charger (10kVA with up to 7A standard charger)
- 4 poles manual bypass and Breakers
- Easy maintenance thanks to the vertical boards
- 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 display for quick and user friendly operation
- Wide communication offer as a standard: two com slots, RS232, USB, programmable dry contacts

## OPTIONS



- SNMP, RS485, Modbus boards
- External temperature sensor
- Parallel kit

## THE SMALLEST FOOTPRINT



## SETTINGS EASILY DOWNLOADABLE ON SD CARD



# SPECIFICATIONS

MODEL		KRONOS 10	KRONOS 15	KRONOS 20
INPUT	Voltage	400V 3phase + N		
	Voltage Tolerance	-40% @50% load		
	Frequency	45~70Hz		
	Power Factor	≥ 0.99		
	THDi	<3%		
OUTPUT	Voltage	380/400/415V 3phase + N		
	Voltage Tolerance	±5%~±25% (programmable)		
	Power Factor	0.9		
	Frequency	50/60Hz		
	Frequency Tolerance	±0.01% (free running)		
	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	26~40pcs configurable	32~40pcs configurable	
	Charging current Max	7A	14A	
	Common Battery	Yes		
	Internal Batteries	Available for housing 9Ah 40 pcs		
EFFICIENCY	VFI Mode	Up to 95%		
	ECO Mode	>98%		
	Backup Mode	Up to 93,5%		
GENERAL	Parallel	Up to 6 units (optional)		
	Dimensions (WxDxH) mm	260x850x890 (with wheel)		
	Weight (kg)	84	86	
	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		
BACK PANEL	Communication cables connections		Power cables connections	
	