

# KRONOS Plus Series Three Phase On-Line UPS

10KVA ~ 40KVA



- 3 Level IGBT Technology
- 95% Efficiency in Online Mode
- The Smallest Footprint
- High Input Power Factor >0.99
- Output Power Factor 1.0
- Power Scalable and Parallel Redundancy
- Built-in High Current Battery Charger
- Wide Range and Flexible Battery Configuration
- Standard Separate or Common Batteries for Parallel Systems
- Available DC Start Function
- Strong Over Load Capacity
- Advanced Operation Interface -- Colorful LCD Touch Screen



	R	S	T	Total
Load Rate(%)	66	43	21	
Voltage(V)	229.5	229.7	229.9	
Current(A)	57.3	37.9	18.7	
Power(KW)	13.2	8.7	4.3	26.2
Power(KVA)	13.1	8.7	4.2	26
Power Factor	1	1	1	
	R-S	S-T	T-R	
Voltage(V)	400.1	398	395.7	
Frequency(Hz)	59.9			

# Specifications

Capacity		10KVA	20KVA	30KVA	40KVA
Input	Voltage	400V 3 Phase + N			
	Voltage Tolerance	±20% @100% load, -40% ~-20% @50% load			
	Frequency	40~70Hz			
	Power Factor	≥ 0.99			
	THDi	≤3% @100% load			
Output	Voltage	380/400/415V 3 Phase + N			
	Voltage Tolerance	±1% (Static Load)			
	Frequency	50/60Hz			
	Frequency Tolerance	0.05% (free running)			
	Power Factor	1.0			
	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			
Bypass	Voltage	380/400/415V 3 Phase + N			
	Voltage Tolerance	±5%~±30% (Programmable)			
	Frequency	50/60Hz			
	Frequency Tolerance	±1Hz/±3Hz (Selectable)			
Battery	Number of Batteries (Configurable)	±13~20pcs	±16~20pcs		
	Charging Current @ 100%load	3.5 A	7 A	10 A	13 A
	Max. Charging Current	10 A	21 A	30 A	39 A
	Common Battery for Parallel	Yes			
	Internal Battery	Available for housing 12V 7/9AH x 40pcs			N/A
Efficiency	VFI Mode	>94%	>94.5%	>95%	>95.5%
	ECO Mode	>98%			
Function	DC Start	Yes			
	Parallel (Optional)	Up to 6 units			
Physical	Dimensions (W x D x H) [mm]	260 x 850 x 890			
	Weight (w/o battery) [kg]	74	76	85	88
	Protection Grade	IP20			
Interface	Display and MMI	4.3" Colorful LCD Touch Screen			
	Built-in Communication Port	USB, EPO, Dry Contact			
	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 condensation)			
	Altitude	< 1000 m without derating			
	Nose Level (at 1 meter)	< 52dB	<52 dB	<55 dB	<55 dB
Tested to Standard	Safety	LVD: EN62040-1			
	EMC	EN62040-2			
	Mark	CE			

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