Superior Series
10-30KVA
Power Factor 0.9 3/3

Features

- Online-Double conversion
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 3%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, QTY: 10 ~ 30KVA (16/18/20 pcs optional)
- Wide input voltage range: 208~478Vac
- Wide input frequency range: 40~70Hz
- DC start
- Communication port: USB/RS232 / RS485 / Parallel port / dry contact
- Options: SNMP card/Relay card
- LCD / LED double display Touch Screen Optional
- Intelligent charging management
- EPO function
- Common battery group
- The output can meet 100% unbalanced load.

Specification

MODEL	310	315	320	330
Capacity	10KVA/9KW	15KVA/13.5KW	20KVA/18KW	30KVA/27KW
INPUT				
Nominal Voltage	380/400/415Vac, 3Ph+N+PE			
Operating Voltage Range	208-478Vac			
Operating Frequency Range	50Hz: 45-55Hz / 60Hz: 54-66Hz			
Power Factor	>0.99			
THDi	<3% (100% linear load)			
Bypass voltage range	380Vac Max. voltage: +25% (optinal +10%, +15%, +20%) 400Vac Max. voltage: +20% (optinal +10%, +15%,) 415Vac Max. voltage: +15% (optinal +10%,) Min. volyage: -45% (optinal -20%, -30%) Frequency synchronize tracing range: $\pm$10%			
OUTPUT				
Output voltage	380/400/415Vac, 3Ph+N+PE			
Voltage regulation.	$\pm$1%			
Power Factor	0.9			
Output frequency	1- Line Mode: $\pm$1% / +2% / +4% / +5% / +10% of the rated frequency (option)			
	2- Battery Mode: (50/60 $\pm$0.1) Hz			
Crest factor	3 : 1			
THDv	<1% with linear load			
	<5% with non linear load			
Efficiency	93.5%	94.5%%		
BATTERY				
Battery voltage	Standard 20Pcs x 12V			
	Battery Quantity: 16/18/20Pcs			
Charge Current (A)	4.5A			
System Features				
Transfer time	Utility to Battery: 0ms, Utility to bypass: 0ms			
Over load	Load<110%: 60Min; <125%: 10Min; >150% tuen to bypass mode			
Alarm	over load, utility abnormalm UPS fault, battery low, high and low Voltage			
Protection	short crcuitm overload, over temperature, battery lowm fan fault. Alarm			
Remot LCD	Support			
Communication	USB, RS485, Parralel port, Coupler dry. Contact, Intelligent slot, SNMP, card (option), relay. Card (option)			
ENVIRONMENTAL				
Operating Temperature	0-40 C			
Storage temperature	-25-55 C (No battery)			
Humidity	0-95% (non condensing)			
Altitude	< 1500m. When>1500m			
Noise level	<55dB	<58dB		
PHYSICAL				
Dimension D x W x H (mm)	828x250x868			
Net weight (Kg)	115	170	171	223
STANDARDS				
Safety	IEC/EN62040-1, IEC/EN60950-1			
EMC	IEC/EN62040-2, IEC61000-4-2 IEC61000-4-3, IEC61000-4-4, IEC61000-4-8; IEC61000-4-6; IEC61000-4-5			

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