



31S Series 15KVA - 20KVA

High Frequency Online UPS Sun Star Series

31S Series 15KVA - 20KVA (3ph in / 1ph out)



Key Features:

- Double Conversion True Online UPS With Pure Sine-Wave Output.
- Robust Design, Conformal Coating, Strong Anti-Corrosion Capability For Harsh Environment.
- Extra Wide Input Voltage (85V-300Vac), Well Compatible With Gen-Set.
- Input Power Factor Correction, Save Power, Wiring Expense For Use.
- Strong Loading Capability, Work Well With Laser Printer, Ultrasonic Cleaner.
- Compact Size, Win Valuable Space For User.
- Open For Customization, Seamless Integrate With Automatic Control System.

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Technical Specification:

Model		31S 15K	31S 15KL	31S 20K	31S 20KL
Power Rating (VA / W)		15KVA / 13.5KW		20KVA / 18KW	
Phase		3Ph Input / 1Ph Output			
Input	Input Wiring	L1, L2, L3 / N+PE			
	Input Voltage Range	85 ~ 300VAC			
	Input Frequency Range	40Hz - 70Hz			
	Input Power Factor	≥0.95			
Output	Output Voltage	208 / 220 / 230 / 240VAC			
	Output Voltage Regulation	±1%			
	Output Wiring	L / N + PE			
	Output Frequency Range	50 / 60Hz ± 4Hz (Sync Mode) 50 / 60Hz ± 1% (Fix Freq.Mode)			
	Output Distortion (THDV%)	<2% (Linear Load) <5% (Non-Linear Load)			
	Output Waveform	Pure Sine Wave			
	Overload Capability	1min @ 105% ~ 125% Load 30S @ 125% ~ 150% Load 0.5S @ >150% Load			
Efficiency	Line Mode	Up to 94%			
	Battery Mode				
Battery and Charger	Battery Voltage / Quantity	192VDC / 16PCS (Internal)	192 / 240VDC 16 / 20PCS (External)	192VDC / 16PCS (Internal)	192 / 240VDC 16 / 20PCS (External)
	Battery Capacity	12V/7AH	Depends on External Battery Bank Configuration	12V / 7AH	Depends on External Battery Bank Configuration
	Backup Time	>10min @ 50% Rated Load		> 6min @ 50% Rated Load	
	Recharging Current	Standard Model:1A Long Backup Time Model:4A			
Display	LCD	Input / Output / Battery / Load Level / Operating Mode			
HMI	Communication Port	RS232 Standard Offer,USB Optional			
	Extendable Communication Card	Dry Contact Card, SNMP Card			
Environment	Operating Temperature	-20°C ~ 45°C			
	Operating Humidity	0-98% (Non-Condensation)			
	Acoustics Noise	<55dB @ 1 Meters			
*Product Specifications are Subject to Change Without Notice.					