UN33 Series High Frequency Online UPS

10-60kVA 3Phase Input/3Phase Output (380V/400V/415V)

Introduction

UN33 series 10-60kVA UPS adopts online double conversion technology, which can copmpletely eliminate all kinds of grid problems and provide customers with stable and pure sinusoidal power supply protection. Advanced design makes these products have unparalleled reliability and high performance. The high input power factor and low input current harmonics ensure the UPS green and environment protection, and high efficiency ensures the energy saving.

Application

Small and medium-sized data centers, IT machine rooms, financial institutions, traffic dispatch centers, security monitoring, etc.

Features

- Wide input voltage range
- Online double conversion technology
- DSP digital control technology
- Intelligent battery management extends battery life
- High efficiency, up to 96%
- 4.3-inch color touching screen, friendly man-machine interface, easy to operate
- Parallel up to 8 units

Specification

MODEL		UN33010KS UN33010KL	UN33015KS UN33015KL	UN33020KS UN33020KL	UN33030KS UN33030KL	UN33040KS UN33040KL	UN33060KS UN33060KL
Capacity		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
Input	Phase	3 Phase+Neutral+Ground					
	Rated Voltage	380/400/415Vac					
	Voltage Range	208-478Vac					
	Frequency Range	40-70Hz					
	Power Factor	≥0.99					
	THDi	≤3% (100% non-linear load)					
Bypass	Voltage Range	Upper limit: 380V+25% (+10%, +15%, +20%, settable); 400V+20% (+10%, +15%, settable);415V+15% (+10%, settable); Lower limit: -45% (-10%, -20%, -30%, settable)					
	Frequency Range	50/60Hz±10%					
Output	Phase	3 Phase+Neutral+Ground					
	Rated Voltage	380/400/415Vac					
	Power Factor	1					
	Voltage Regulation	±1%					
	Output Frequency	Normal Mode: ±1%/±2%/±4%/±5%/±10%, settable; Battery Mode: 50/60Hz±0.1%					
	Crest Factor	3:1					
	THDu	≤2% (linear load); ≤4% (non-linear load)					
	Overload	110% load for 60 mins; 125% load for 10 mins; 150% load for 1 minute; > 150%, transfer to bypass					
Battery	Rated Voltage	±240VDC					
	Quantity	12V/9Ah *40 pcs					9Ah*40 pcs
		External					
	Charging Current	1A					
		1-10A				1-15A	
System	Efficiency	96%					
	Display	4.3-inch color touching screen					
	IP Class	IP20					
	Interface	USB, CAN, RS485, FE, LBS, Parallel card, Relay card, SNMP card (optional)					
	Temperature	Operation: 0-40 ℃; Storage: -25-55℃					
	Humidity	0-95% (non-condensing)					
	Altitude	< 1500m, within 1500-4000m, power derates 1% every 100m rise					
	Noise (1meter)	< 58dB					
	Applicable Standard	Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3					
Physical	Weight(kg)	147	148	155	158	165	184
		44	45	52	55	62	80
	Dimension W*D*H(mm)	280*774*719					330*900*980