

Norden's Ultra power series 10-30kVA UPS is an online Transformer-based UPS which has three phase in both input and output and an output power factor of 0.9. This UPS Features an isolation transformer in the output side to provide galvanic isolation for the load connected and parallel operation helps to increase redundancy and capacity.



General Features

- Online Double Conversion
- Full DSP Control
- High Power Factor
- Wide input adaptability
- Optimized battery management
- N+X parallel redundancy
- Strong overload capability
- Multi-protection
- Generator mode
- EPO function

SPECIFICATIONS

MODEL		CN43310TU	CN43320TU	CN43330TU
Capacity	kVA	10kVA	20kVA	30kVA
	Watts	9kW	18kW	27kW
Input	Normal voltage	380/400/415Vac (3Ph+N+PE) (-25% +20%)		
	Harmonic distortion(THDi)	<3%(100% linear load)		
	Operating frequency range	50/60Hz (±5Hz)		
	Power factor	0.98 (with filter)		
	Bypass voltage range	Upper limit:+20%(+10%,+15%,+20% adjustable) Lower limit:-40%(-10%,-20%,-30%,-40% adjustable)		
	Bypass Frequency range	±10%(±2.5%,±5%,±10%,±20% adjustable)		
Output	Rated voltage	380/400/415Vac (3Ph+N+PE)		
	Power factor	0.9		
	Voltage regulation	±1%		
	Frequency	50/60(±0.1)Hz		
	Crest factor	3:1		
	Harmonic distortion (THDv)	≤2% with linear load		
	Efficiency	>88%	>89%	
	Output Waveform	Pure Sine Wave		
Battery	Battery voltage	384Vdc (30/32pcs)		

MODEL		CN43310TU	CN43320TU	CN43330TU
System Features	Transfer time	Mains to battery:0ms;		
	Overload	110%-60min, 125%-10min, 150%-1min		
	LED Display	Input,Inverter,Bypass,Battery,Output,Status		
	LCD Display	I/O voltage,frequency,power,power factor,battery voltage,current,battery status,load percentage, UPS status,history record,settings		
	Communication	USB, RS232, RS485, Parallel port,dry contact, Intelligent slot, LBS, SNMP card (optional), Relay card (optional)		
Environment	Operating temperature	0~40°C		
	Storage temperature	-25~55°C		
	Humidity range	0~95% (Non-condensing)		
	Altitude	<1500m		
	Noise level	<70dB		
Physical	Dimension WxDxH(mm)	570x800x1195		
	Net Weight (kg)	217	273	316
Standards	Safety	IEC/EN62040-1,IEC/EN60950-1		
	EMC	IEC/EN 62040-2;IEC 61000-2-2;IEC 61000-4-2;IEC 61000-4-3;IEC 61000-4-4 IEC 61000-4-5;IEC 61000-4-6;IEC 61000-4-8;IEC 61000-4-11		
	Performance	IEC62040-3		

ORDERING INFORMATION

Part Number	Description
CN43310TU	10kVA Double Conversion Transformer-Based 3/3 UPS(External Battery)
CN43320TU	20kVA Double Conversion Transformer-Based 3/3 UPS (External Battery)
CN43330TU	30kVA Double Conversion Transformer-Based 3/3 UPS (External Battery)

COMPATIBLE ACCESSORIES

Part Number	Description
CNS01	SNMP Card for 10-80kVA 3/1 and 3/3

