

Norden's Ultra power series 40-80kVA 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		CN43340TU	CN43360TU	CN43380TU
Capacity	kVA	40kVA	60kVA	80kVA
	Watts	36kW	54kW	72kW
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	>90%		>90.5%
	Output Waveform	Pure Sine Wave		
Battery	Battery voltage	384Vdc (30/32pcs)		

MODEL		CN43340TU	CN43360TU	CN43380TU
System Features	Transfer time	Mains to battery:0ms;		
	Overload	110%-60min, 125%-10min, 150%1 min		
	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)	57x800x1195	880x760x1600	
	Net Weight (kg)	330	483	525
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
CN43340TU	40kVA Double Conversion Transformer-Based 3/3 UPS (External Battery)
CN43360TU	60kVA Double Conversion Transformer-Based 3/3 UPS (External Battery)
CN43380TU	80kVA 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