

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

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%) | | |
| | Operating frequency range | 50/60Hz (±5Hz) | | |
| | Power factor | ≥0.97 (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(±0.05)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) | | |
| | Charging Current | 36.4A | 54.5A | 72.6A |

ULTRA-POWER SERIES

40-80kVA Double Conversion Transformer-Based UPS



| MODEL | | CN43340TU | CN43360TU | CN43380TU |
|-----------------|-----------------------|---|--------------|--------------|
| 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 | <58dB | | |
| | IP Rating | IP 20 | | |
| Physical | Dimension WxDxH(mm) | 430x830x1100 | 430x830x1100 | 720x690x1400 |
| | Net Weight (kg) | 255 | 320 | 450 |
| Standards | Safety | CE; IEC/EN62040-1,IEC/EN62477-1 | | |
| | 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 | | |

*Product specifications and appearances are subject to change without prior notice.

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 |

