MAX-POWER PRO SERIES 10kVA Online Transformerless Rack Mount UPS

Norden's Maxpower Pro Series 10 kVA UPS is an online double conversion UPS that features 3/3, 3/1 operation and a unity output power factor. This model features a convertible rack-tower design and parallel redundancy capabilities, making it ideal for data center applications.



General Features

- LCD support Rack/Tower convertible design
- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with full digital control

NORDEN[®]

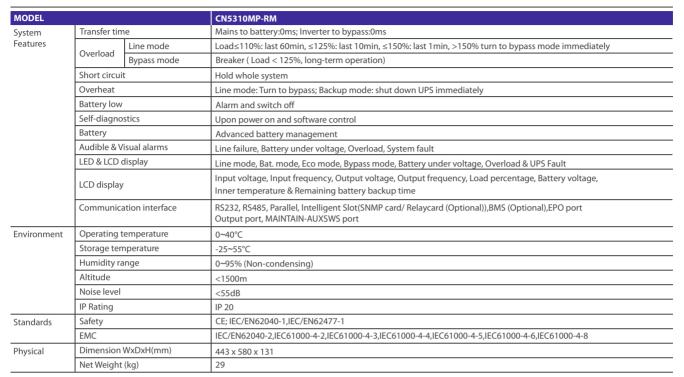
- Wide input frequency range 40~70Hz
- Wide input voltage range:208~478Vac
- Input current harmonic:<3%
- Maximum Charging current up to 20A(Settable)
- Dual Input Sources
- ECO mode operation for energy saving
- Support 3/3, 3/1 and 1/1 operation
- Generator compatible
- Cold Start
- Self-testing when UPS start-up
- 50/60Hz Frequency converter mode
- Intelligent fan speed regulation
- The quantity of battery:30-50pcs is settable

MODEL			CN5310MP-RM
Capacity	kVA		10
	kW		10
Input	Normal Voltage		380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+N+PE)
	Operating voltage range		208~478Vac
	Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)
	Power factor		≥0.99
	Bypass voltage range		Max.voltage:220V:+25% (Optional+10%,+15%,+20%)
			240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%), 230V:+20% (Optional+10%,+15%)
	ECO range		Same as the bypass
	Generator input		Yes
Output	Rated voltage		380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+N+PE)
Output	Power factor		1
Ĩ	Voltage regulation		±1%
	Frequency	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
		Bat. mode	50/60(±0.1)Hz
1	Crest factor		3:1
	Harmonic distortion (THDv)		≤2% with linear load, ≤5% with non-linear load
ľ	Efficiency		94.5%
ľ	Output Waveform		Pure Sine Wave
Battery	Battery Numbers		30/32/34/36/38/40/42/44/46/48/50pcs with Neutral
· · ·	Charging current		18A Max.(charge current can be set according to battery capacity installed)

SPECIFICATIONS

www.nordencommunication.com

MAX-POWER PRO SERIES 10kVA Online Transformerless Rack Mount UPS



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

EXTERNAL BATTERY PACK

MODEL	CNBN40480CR
BATTERY SYSTEM	
Battery type	VRLA (Valve Regulated Lead Acid Battery - SMF)
Typical battery recharging time	6~8 hours (to 90% of full capacity)
Typical battery life	3~5 years, depend on discharging cycle and ambient temperature
System voltage	480Vdc
Battery quantity	40Pcs
Capacity	9Ah/12V
PHYSICAL	
Dimension W x D x H (mm)	443 x 861.5 x 175
Net weight (kg)	114/123
ENVIRONMENT	
Operating environment	0°C~40°C
Relative humidity	0~95% (Non condensing)
Noise level	<40dB at 1 Meter

ORDERING INFORMATION

Part Number	Description
CN5310MP-RM	10kVA Double Conversion Rack Mount 3/3, 3/1 UPS with TFT Display (External Battery)
CNBN40480CR	480VDC Rack Mount Battery Pack

COMPATIBLE ACCESSORIES

Part Number	Description
CNS01	SNMP Card
CNRM1020R	Rack Mounting Rail Kit for 10-20kVA RM UPS
CNRM240BPR	Battery Pack Rack Mounting Rail Kit

► NORDEN[®]