

MAX-POWER PRO SERIES

15kVA Online Transformerless Rack Mount UPS



Norden's Maxpower Pro Series 15 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
- 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

SPECIFICATIONS

MODEL		CN5315MP-RM
Capacity	kVA	15
	kW	15
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)
	Power factor	1.0
	Voltage regulation	±1%
	Frequency	Line mode ±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
		Bat. mode 50/60(±0.1)Hz
	Crest factor	3:1
	Harmonic distortion (THDv)	≤2% with linear load, ≤5% with non-linear load
	Efficiency	94.5%
Battery	Output Waveform	Pure Sine Wave
	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)

MAX-POWER PRO SERIES

15kVA Online Transformerless Rack Mount UPS



MODEL		CN5315MP-RM
System Features	Transfer time	Mains to battery:0ms; Mains to bypass:0ms
	Overload	Line mode
		Bypass mode
	Short circuit	Hold whole system
	Overheat	Line mode: Turn to bypass; Backup mode: shut down UPS immediately
	Battery low	Alarm and switch off
	Self-diagnostics	Upon power on and software control
	Battery	Advanced battery management
	Audible & Visual alarms	Line failure, Battery under voltage, Overload, System fault
	LED & LCD display	Line mode, Bat. mode, Eco mode, Bypass mode, Battery under voltage, Overload & UPS Fault
	LCD display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
Environment	Communication interface	RS232, RS485, Parallel, Intelligent Slot(SNMP card/ Relaycard (Optional)),BMS (Optional),EPO port Output port, MAINTAIN-AUXSWS port
	Operating temperature	0~40°C
	Storage temperature	-25~55°C
	Humidity range	0~95% (Non-condensing)
	Altitude	<1500m
Standards	Noise level	<55dB
	Safety	IEC/EN62040-1,IEC/EN62477-1
	EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8
Physical	Dimension WxDxH (mm)	443 x 580 x 131
	Net Weight (kg)	31

*Product specifications are subject to change without further notice.

EXTERNAL BATTERY PACK

MODEL		CNBN15240CR
BATTERY SYSTEM		
Battery type		VRLA (Lead acid maintenance free battery)
System voltage		±240Vdc
Battery quantity		1*±20 PCS
Capacity		7Ah/9Ah (12V)
PHYSICAL		
Dimension W x D x H (mm)		443 x 861.5 x 175
Net weight (kg)		114/123
ENVIRONMENT		
Safety		CE
Operating environment		0°C~40°C
Relative humidity		0~95% (Non condensing)
Noise level		<40dB at 1 Meter

ORDERING INFORMATION

Part Number	Description
CN5315MP-RM	15kVA Double Conversion Transformer-less Rack Mount UPS (External Battery)
CNBN15240CR	240VDC Rack Mount Battery Pack

COMPATIBLE ACCESSORIES

Part Number	Description
CNS01	SNMP Card

