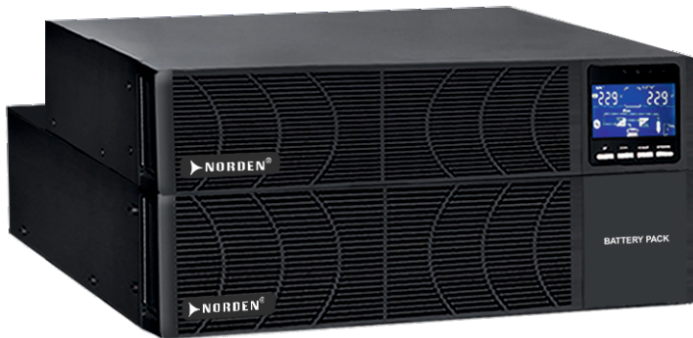


# MAX-POWER SERIES

## 2kVA Online Transformerless Rack Mount UPS



The Maxpower Series Online Transformer-less Rack Mount UPS is a high-performance power protection solution meticulously crafted for data centers, server rooms, and critical electronic environments. Offering a robust combination of reliability and scalability, this UPS is designed to seamlessly integrate into standard server racks.



### GENERAL FEATURES

- Online double conversion with full digital control
- Built-in EMI Filter and Surge protection
- Intelligent fan speed regulation
- Rack/Tower convertible design
- Selectable output voltage:208/220/230/240Vac
- Wide input voltage range:110~300Vac
- Input power factor 0.99 with PFC
- Smart charger design for optimized battery performance
- Emergency power OFF function (EPO)
- ECO mode operation for energy saving
- Cold start
- Multiple communication interfaces: RS232 (USB/Dry contact/SNMP card optional)

### SPECIFICATIONS

MODEL		CN7002MPI-RM/CN7002MPE-RM	
Capacity	VA	2000	
	Watts	1800	
	Phase	Single phase with ground	
Input	Normal Voltage	208/220/230/240Vac	
	Input voltage range	110~300Vac (176~264Vac @ 100% load)	
	Frequency Range	40~70Hz (50/60Hz Auto Sensing)	
	Power Factor	≥0.99 @Nominal voltage (100% load)	
Output	Output Voltage	208/220/230/240Vac	
	Power Factor	0.9	
	Voltage Regulation	±1%	
	Frequency range (Synchronized range)	46~54Hz/56~64Hz	
	Frequency range (Batt.mode)	50Hz/60Hz±0.1Hz	
	Current crest ratio	3:1	
	Harmonic Distortion (THDv)		≤3% THD(Linear load)
			≤5% THD(Non-linear load)
	Transfer time	AC to DC	Zero
		Inverter to bypass	4ms(Typical)
Waveform		Pure sinewave	
Efficiency	AC mode	91%	
	Battery mode	87%	
Battery	Internal	Battery type	9AH/12V
		Numbers	6
		Typical recharging time	4 hours recover to 90% capacity
		Charging current(max.)	1.0A
	External	Charging voltage	82.2Vdc ±1%
		Battery Number	6
		Charging Current	12A

# MAX-POWER SERIES

## 2kVA Online Transformerless Rack Mount UPS



MODEL		CN7002MPI-RM/CN7002MPE-RM	
Indicators	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators	
Alarm	Battery mode	Beeping every 4 seconds	
	Battery low	Beeping every second	
	Overload	Beeping twice every second	
	Fault	Continuously beeping	
Physical	Dimension W x D x H (mm)	Standard model	440 x 600 x 86.5 (2U)
		Long run model	440 x 600x 86.5 (2U)
	Net weight (kg)	Standard model	19.5/25
		Long run model	10.5
Environment	Humidity	20-95% RH @ 0-40°C (Non-condensing)	
	Noise level	<50dB @ 1 Meter	
	IP Rating	IP 20	
Management	Smart RS232/USB	Supports Windows® 7/8/10 Linux, FreeBSD and MAC	
	Optional SNMP	Power management from SNMP manager and web browser	
Standards	Safety	CE; 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 IEC61000-4-11,IEC61000-2-2	

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

### EXTERNAL BATTERY PACK

MODEL		CNBC00272CR	
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	72Vdc		
Battery quantity	12		
Capacity	9Ah/12V (7Ah/12V optional)		
PHYSICAL			
Dimension W x D x H (mm)	440 x 710 x 86.5 (2U)		
Net weight (kg)	44.0		
ENVIRONMENT			
Operating environment	0°C~40°C		
Relative humidity	0~95% (Non condensing)		
Noise level	<40dB at 1 Meter		

### ORDERING INFORMATION

Part Number	Description
CN7002MPI-RM	2kVA Online Rack Mount UPS with 4x9Ah Battery (Internal Battery)
CN7002MPE-RM	2kVA Online Rack Mount UPS (External Battery)
CNBC00272CR	72VDC Rack Mount Battery Pack

### COMPATIBLE ACCESSORIES

Part Number	Description
CNRM0110R	Rack Mounting Rail Kit for 1-10kVA RM UPS
CNRM0110BPR	Battery Pack Rack Mounting Rail Kit for 1-10kVA RM UPS
CNS02	Mini SNMP Card