

## CHM-RT-11-10KVA-LR

Type	Configuration	Phase	Rated Power	Battery
Online Double Conversion	Rack/Tower	1:1	10kVA (9kW)	External

## Physical

Dimensions W x D x H (mm)	440 x 625 x 86.5 (2RU)
Weight (kg)	18

## Input

Input Connection	Hardwired
Rated Nominal Input Voltage	220/230/240V AC
Permissible Input Voltage	110 to 286V AC
Frequency	40 to 70Hz (50 Hz/60Hz Auto-Sensing)
Power Factor	>0.99
Generator Compatible	Yes

## Output

Output Connection	Hardwired
Nominal Output Voltage	220/230/240V AC Pure Sinewave
Voltage Regulation	+/-1 %
Power Factor	0.9
Output frequency (Battery)	50/60Hz +/-0.1%
Crest Factor	3:1
Harmonic Distortion THDV	< 2% Linear Load, <5% Non-Linear Load
Transfer time - Inverter to Bypass	0msec
Transfer time - Mains to Battery	0msec
Bypass Voltage Range	-45% to +20% settable
Bypass Frequency Range	+/- 10% settable
Efficiency	Up to 94%

## Battery

Battery Voltage (settable)	+/-120V DC (240V DC nominal)
External Battery Module (EBM)	BCAB-R-20-120V-N (3RU)
Battery Type	20 x BAT-12V9AH VRLA
Maximum Charge Current	10A adjustable

## LCD Display Indicators

Display Parameters	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Internal Temperature, Remaining Backup Time
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## Standard Features

Operation Modes	Line Mode, Battery Mode, ECO Mode, Bypass Mode
Communications	USB , RS232 Interface, Expansion Slot, Ethernet SNMP + Software
Protections	Short Circuit, Overload, Over Temp, Battery Over Charge/Discharge, Low Output Voltage, Fan Fault Alarm, EPO Emergency Power Off (Hardware Link)
Parallel Port	N+X Redundancy capability (Up to 4 units)

## Options

Relay Card	UPS-RC 5 Relay Output Card with Remote Control Feature
External Bypass Switch	UPS-MBS-10KVA Rack Mounted
19" Rack Mounting Kit	CHM-RT-2RU/3RU-10KVA

## Environment

Operating Temperature	0 to 40C (Storage -25 to 50C)
Humidity Range	5 to 95% at 40C (Non-Condensing)
Conformal Coated PCBs	Standard
Audible Noise	<58dB at 1 metre

## Approvals

Safety	IEC/EN 62040-1, IEC/EN 62477-1, ROHS Compliant
EMC	IEC/EN 602040-2, IEC 61000-4-(2,3,4,5,6,8,11), IEC61000-2-2)