

## CHM-RT-11-6KVA-LR

| Type                     | Configuration | Phase | Rated Power  | Battery  |
|--------------------------|---------------|-------|--------------|----------|
| Online Double Conversion | Rack/Tower    | 1:1   | 6kVA (5.4kW) | External |

## Physical

|                           |                        |
|---------------------------|------------------------|
| Dimensions W x D x H (mm) | 440 x 625 x 86.5 (2RU) |
| Weight (kg)               | 16                     |

## Input

|                             |                                      |
|-----------------------------|--------------------------------------|
| Input Connection            | Hardwired                            |
| Rated Nominal Input Voltage | 220/230/240V AC                      |
| Permissible Input Voltage   | 110 to 300V 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 |
|--------------------|---|

## 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-6KVA 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         | <55dB 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) |