

| Model                                  | CMP2R024I  | CMP2R048I | CMP2R110I   |
|--|--|-----------|-------------|
| <b>Output</b>                          |  |           |             |
| Nominal voltage                        | 24   | 48        | 110         |
| Current range with 1Ph supply          | 10 ÷ 60A   |           |             |
| Current range with 3Ph supply          | 10 ÷ 100A  |           |             |
| Ripple noise (RMS)                     | ≤ 0.5% Vn  |           |             |
| Adj. output voltage range              | +/- 5%   |           |             |
| Stability                              | +/- 1%   |           |             |
| Adj. following Vin change              | +/- 1%   |           |             |
| Adj. following Load change             | +/- 1%   |           |             |
| Start-up time                          | 2 secs   |           |             |
| <b>Input</b>                           |  |           |             |
| Voltage range                          | 230 +/- 10%  |           | 400 +/- 10% |
| Current curve                          | 50 ÷ 60 +/- 7%   |           |             |
| Efficiency (Typ.)                      | ≥ 90 %   |           |             |
| Isolation I/O                          | 4kV with transformer   |           |             |
| <b>Protections</b>                     |  |           |             |
| Overload                               | 2In x 5mS<br>Shut down for 250mS - automatic restart                                       |           |             |
| Current curve                          | constant   |           |             |
| Overvoltage                            | + 10% Vn   |           |             |
| Undervoltage                           | - 50% Vn   |           |             |
| Overtemperature                        | Shut down.<br>Automatic restart after temperature normalization                            |           |             |
| <b>Alarms</b>                          |  |           |             |
| Contacts (8Amp/250VAC)                 | AC/DC operating<br>General fault<br>Battery test failed<br>Low battery voltage<br>DC earth |           |             |
| <b>Environment</b>                     |  |           |             |
| Operating temperature                  | -10+40°C   |           |             |
| Operating humidity                     | 20-90% (NO COND.)  |           |             |
| Storage temperature                    | -20+50°C   |           |             |
| <b>Standards</b>                       |  |           |             |
| Marking                                | CE   |           |             |
| Protection degree                      | IEC 60529  |           |             |
| EMC                                    | EN 61000-6-2 EN 61000-6-4  |           |             |
| Static converter                       | EN 60146-1-2   |           |             |
| Protection degree (front panel closed) | IP30   |           |             |
| Color                                  | RAL 7035   |           |             |