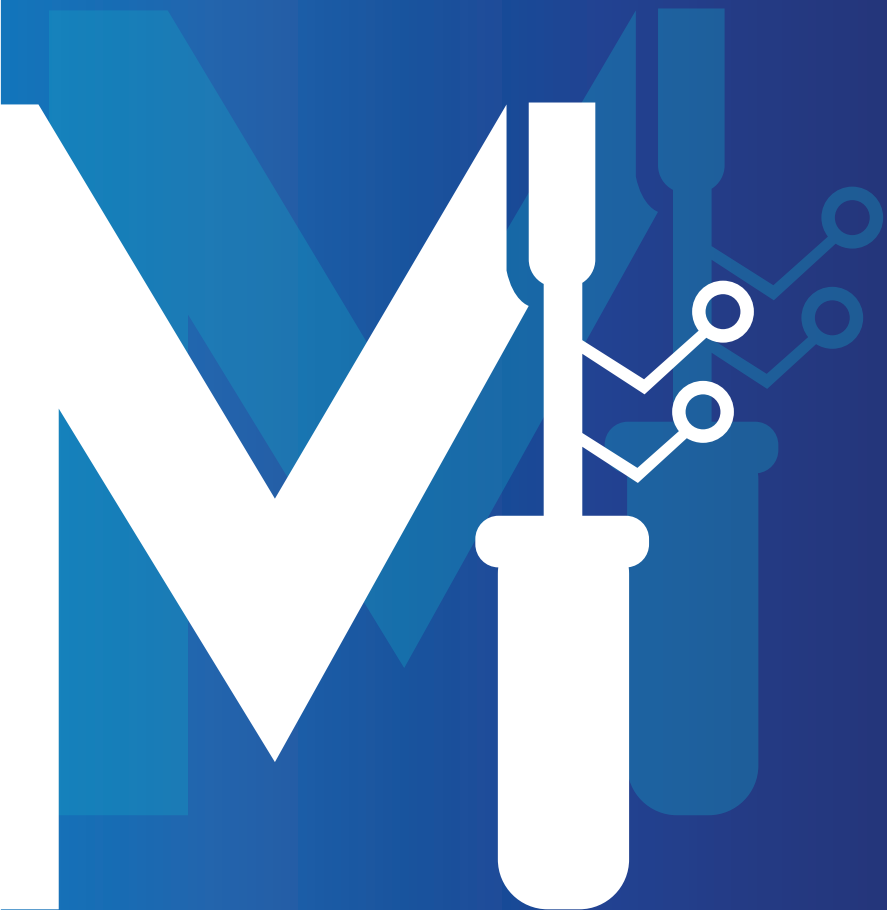




# POWERSCALE CABINET C COMPARATIVAS

| Model                   |                                               | PowerScale Cabinet C                                                                              |                      |            |            |
|-------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------|------------|------------|
| Capacity (VA/W)         | HPM Module                                    | 25KVA/22.5KW                                                                                      | 30KVA/27KW           | 40KVA/36KW | 50KVA/45KW |
| Cabinet type            |                                               | C                                                                                                 |                      |            |            |
| General Data            | Output power factor                           | 0,9                                                                                               |                      |            |            |
|                         | Topology                                      | Online double conversion                                                                          |                      |            |            |
|                         | Parallel configuration                        | Up to 20 units in parallel                                                                        |                      |            |            |
|                         | UPS type                                      | Standalone                                                                                        |                      |            |            |
| Input                   | Nominal input voltage                         | 3×380V/220V+N, 3×400V/230V+N, 3×415V/240V+N                                                       |                      |            |            |
|                         | Voltage tolerance (referred to × 400V / 230V) | For loads <100% (−10%, + 15%), <80% (−20%, + 15%), <60% (−30%, + 15%)                             |                      |            |            |
|                         | Input distortion THDi                         | ≤3 to 100%                                                                                        |                      |            |            |
|                         | Frequency                                     | 35–70Hz                                                                                           |                      |            |            |
|                         | Power factor                                  | 0.99 to 100% load                                                                                 |                      |            |            |
| Output                  | Nominal output voltage                        | 3×380 V/220 V+N, 3×400 V/230 V+N, 3×415 V/240 V+N                                                 |                      |            |            |
|                         | Strain distortion                             | <2% linear load, <4% non-linear load (IEC / EN62040-3)                                            |                      |            |            |
|                         | Frequency                                     | 50Hz or 60Hz                                                                                      |                      |            |            |
|                         | Overload capability                           | 5 min.:110 % o 20 sec.: 125 % (10 kVA - 25 kVA); 10 min.: 110 % o 1 min.: 125 % (30 kVA - 50 kVA) |                      |            |            |
|                         | Crest factor                                  | 3: 1 (load supported)                                                                             |                      |            |            |
| Efficiency              | Overall performance                           | Up to 95,5%                                                                                       |                      |            |            |
|                         | In eco-mode configuration                     | 98%                                                                                               |                      |            |            |
| Environment             | Storage temperature                           | −25°C to +70°C                                                                                    |                      |            |            |
|                         | Operating temperature                         | 0°C to +40°C                                                                                      |                      |            |            |
|                         | Altitude configuration                        | 1000m without derating                                                                            |                      |            |            |
| Battery                 | Battery type                                  | 7Ah / 9Ah / 28Ah, hermetic, lead-acid, maintenance-free                                           |                      |            |            |
|                         | Battery capacity                              | 96 or 144×7/9Ah                                                                                   | 144×7/9Ah or 48×28Ah |            |            |
| Communication Interface | LCD                                           | Yes (for module)                                                                                  |                      |            |            |
|                         | LED                                           | LEDs for notifications and alarms                                                                 |                      |            |            |
|                         | Communications ports                          | RS-232, SNMP slot (USB and voltage-free contacts, optional)                                       |                      |            |            |
| Standards               | Safety                                        | IEC/EN 62040-1                                                                                    |                      |            |            |
|                         | Electromagnetic compatibility (EMC)           | IEC/EN 62040-2                                                                                    |                      |            |            |
|                         | Performance                                   | IEC/EN 62040-3                                                                                    |                      |            |            |
|                         | Product certification                         | CE                                                                                                |                      |            |            |
|                         | Protection rating                             | IP20                                                                                              |                      |            |            |
|                         | Manufacturing                                 | ISO 9001:2015, ISO 14001:2015, OHSAS18001                                                         |                      |            |            |
| Physical                | Weight                                        | 94 o 135kg                                                                                        | 145kg                | 150kg      | 155kg      |
|                         | Unit Dimensions (W * H * D) mm                | 440×1400×910mm                                                                                    |                      |            |            |





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