

# VRLA battery cabinets

The value of your back-up time  
from 10 to 900 kVA



## Complementary pages

- MASTERYS BC+ FLEX
- MASTERYS BC+
- DELPHYS BC
- MASTERYS GP
- MASTERYS GP4 RACK
- DELPHYS GP
- DELPHYS XTEND GP
- MODULYS GP
- MOLDULYS RM GP
- MASTERYS IP+
- DELPHYS MP Elite+
- DELPHYS MX
- CPSS Emergency

## Total protection during downtime

- Designed to satisfy and respect safety protection standards.
- The right size of protection device tailored to your power rating.
- Robust cabinet.
- Normal and long-life batteries.
- Compatible with different battery brands.
- Chemical safety means shelves protected against corrosion of  $H_2SO_4$  that can cause risks of electric shock and short circuit (fire).
- Designed according to the specific UPS model for easy connections, correct recharge current and appropriate discharge rating to optimize battery life.
- Modular hot-swap battery cabinets with string protection and individual string disconnection.

## Easy installation and maintenance

- Frontal switch/breaker protection.
- Frontal input output connections.
- Easy battery replacement.
- Suitable for rigid cables and cable-glands.
- Suitable for tripping coil contact (on request).
- Height aligned with UPS.

## Electrical protection coordination for your safety

Battery protection is essential for safety. We perform tests in our laboratories under abnormal conditions (i.e. short-circuit) to guarantee the maximum safety for the installation.

As batteries can cause fire if the protection is not adequate, we test all battery protections in real operating conditions.

- Switch/Breaker with fuse.
- Magnetothermal MCCB.

The protective devices are sized according to the UPS and to the battery short-circuit current.

## Technical data

Standard degree of protection	IP20 (according to IEC 60529)
Optional degree of protection	IP32 <sup>(1)</sup>
Operating temperature	0 ÷ 40 °C (+15 ÷ +25 °C recommended for long battery life <sup>(1)</sup> )
Ambient storage and transport temperature	-5 °C ÷ +40 °C max (recommended: 25 °C)
Relative humidity (condensation-free)	up to 95%
Product declaration	CE

(1) Versions with a higher degree of protection and versions with a wider operating temperature range are available on request.

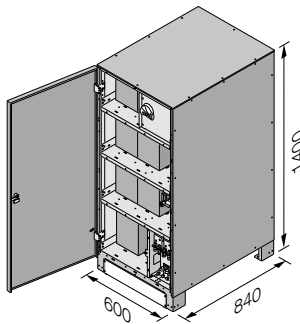
Please contact SOCOMEC for specific battery brands and custom solutions.

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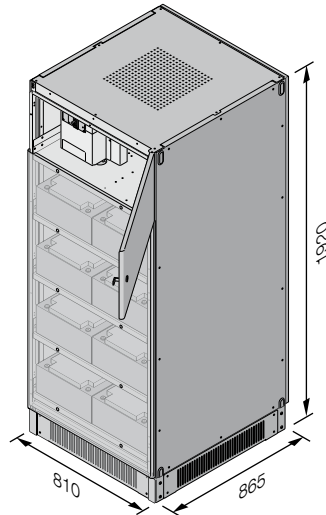
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## Dimensions<sup>(1)</sup>

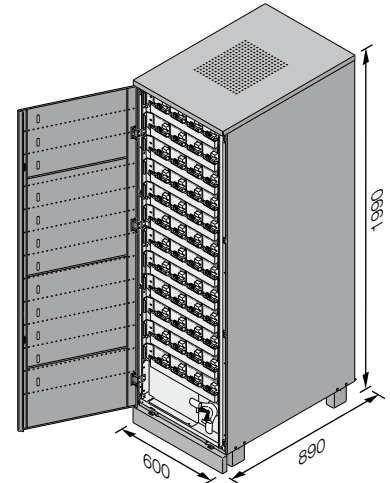
Small Masterys battery cabinet



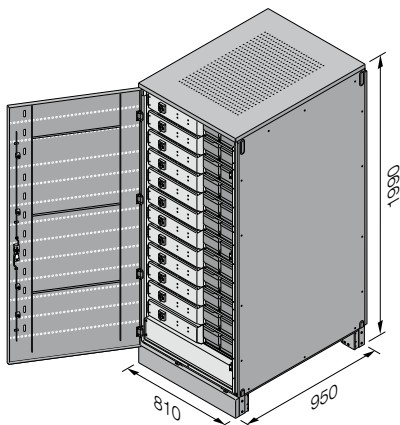
Masterys and Delphys battery cabinet



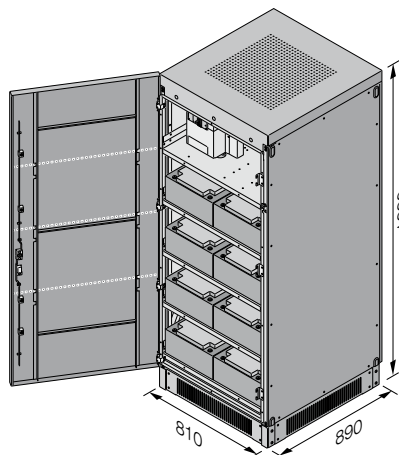
Modular hot-swap battery cabinet - small capacity



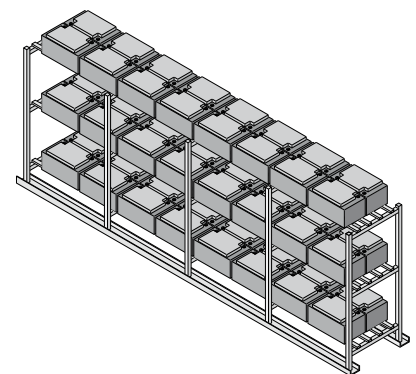
Modular hot-swap battery cabinet - medium capacity



Modular battery cabinet - large capacity



Battery Rack



<sup>(1)</sup> The dimensions specified refer to standard battery cabinets.  
Custom solutions are available on request. Please check with your local sales office.