

QPV1.6



CLAVED

ARED 108/810 cabinets

CLAVED
Sicame Group

About us

sicame
GROUP

Sicame Group is one of the key players in the electrical equipment business worldwide. It has been able to adapt and develop to support the continuous evolution of electricity infrastructure in France and around the world, and become the largest independent entity in its sector.

A true player in the energy transition, it offers its customers new products and services to improve energy efficiency, deal with environmental risks and support the development of electric vehicle and solar power plant markets.

70

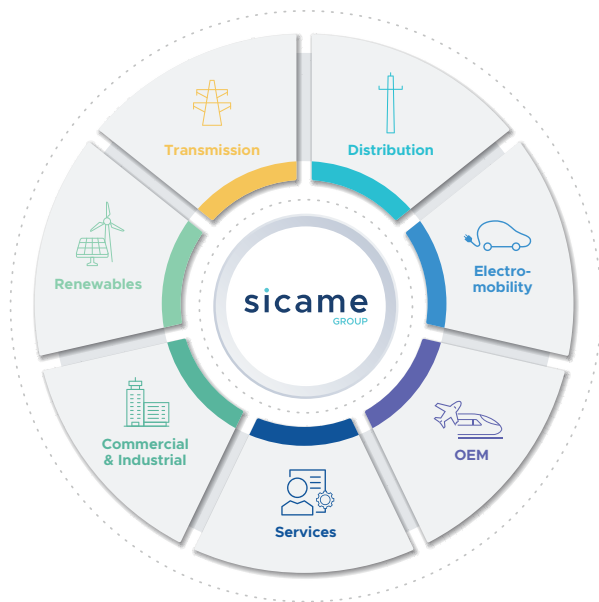
years of worldwide success

638 M€

2025 turnover

3 600

employees



Our fields of activity

Sicame Group is specialised in **products and services** related to transmission and distribution of **electrical energy**, renewables, electro-mobility, safety equipment and industrial applications.

5 continents

26 countries

50 companies
around the world

Products distributed
in 157 countries





Claved, a brand with more than 70 years of experience, is located in Barcelona, Spain. It supplies fiberglass-reinforced polyester insulation enclosures for industrial applications in the electricity, water, gas, street lighting, and solar power sectors, as well as energy protection, metering, and distribution equipment for electric utilities worldwide.

Our Quality Department conducts testing and development in a fully equipped laboratory, working on continuous improvement processes to meet the increasingly demanding quality standards required by the market and society. Currently, 12,000 m² of modern facilities house four plants that include offices, warehouses, a laboratory, and production facilities.

Our Technical Department works in collaboration with electric utilities in various countries and participates in specialized working groups focused on the drafting and development of various standards.

The quality of our raw materials, combined with careful design, ensures a product of exceptional quality. CLAVED S.A. exercises the utmost rigor in selecting its suppliers, establishes collaborative agreements with the respective laboratories, and maintains optimal storage facilities.



ARED 108/810 cabinets

Designed for difficult environments, this new cabinet is particularly suitable for industrial and photovoltaic installations.

Complementing the current ARED range available on the market, these two cabinets will be available in two versions:

- ARED 108: vertical cabinet
- ARED 810: horizontal cabinet

High performance polyester cabinets

ARED 108/810, made by thermo-compression of glass reinforced polyester, are designed to protect switchboards, monitoring and control equipment, instrumentation and measuring equipment, in extreme harsh and demanding environments.

ARED 108 and ARED 810 cabinets comply with International Electrotechnical Commission IEC 62208 Standard.

- Protection degree IP66 as per IEC 60529
- Shock resistance IK10 as per IEC 62262
- Double insulation according to IEC 61439-1
- Self-extinguishing at 960°C as per IEC 60695-2-10
- Thermal class 105°C according to IEC 60085
- Resistant to chemical agents, UV rays, weatherproof



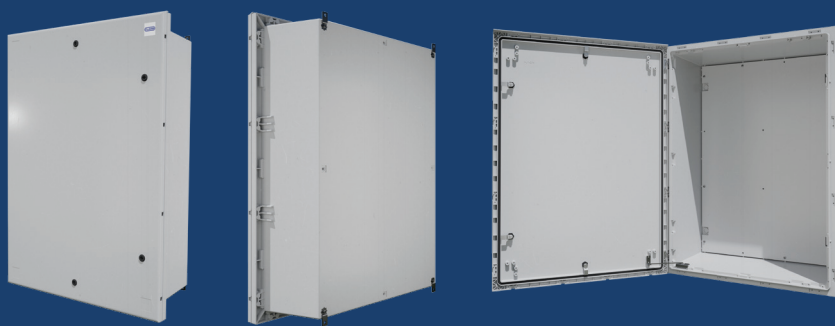
Standard in the process of being approved



Stackable bases for optimized packaging and reduced transport and storage costs.

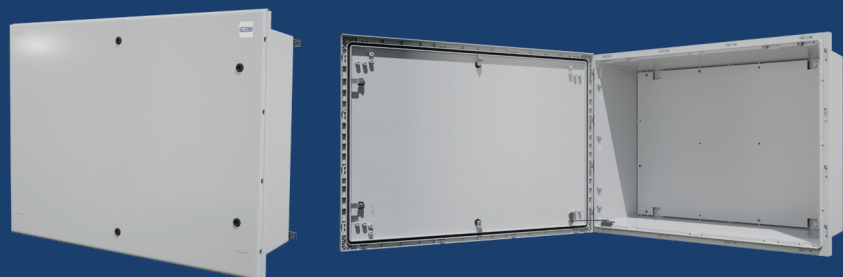
ARED 108

- Vertical cabinet (H 1189 x W 860 x D 332 mm)
- Possible locking options:
 - 4 latch locks
 - 3-point lock + rotating handle + 2 latch locks (5-point total)
 - Triangular head latch lock and key latch lock available as options



ARED 810

- Horizontal cabinet (H 865 x W 1184 x D 332 mm)
- Possible locking options:
 - 4 latch locks
 - 3-point lock + rotating handle + 2 latch locks (5-point total)
 - Triangular head latch lock and key latch lock available as options



Monoblock cabinet (base and door) manufactured in reinforced polyester with glass fiber (SMC) color gray RAL 7035. Designed to be used in photovoltaic applications, mounting of distribution panels, control and measure, quadrants of operation and industrial applications.





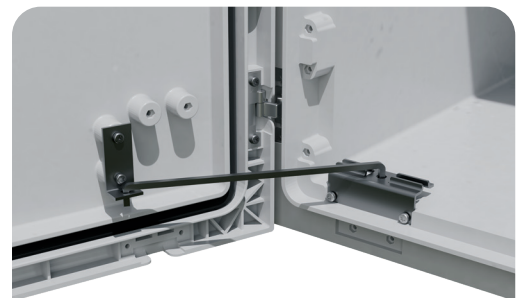
Cabinet in horizontal or vertical format for interior or exterior installation by attaching it to the wall or post. Incorporate a sealing system in the door to prevent water from penetrating into the joints of the door and damaging the connection.

4 ZAMAK hinges that allow the door to open to 180° and make it easily removable.



4 quarter turn + 3 mm double bar latch locks (other options on request), of the door on the base.

Various mounting and fitting accessories (see reference page for range accessories).



Available accessories of ARED 108 and ARED 810:

- Back panel (and optional lifting supports)
- Padlock device
- Triangular head latch lock
- Key latch lock
- Wall mounting brackets
- Pole mounting accessories
- Reading window, flaps
- Cable glands, cable entry cones
- Natural ventilation devices

Logistics

Optimization of transport and storage costs thanks to our **Exclusive stackable tank design.**



- Enclosures supplied without individual packaging
- Base and door supplied separately
- Accessories supplied separately
- Delivered on 1200 x 1000 mm pallets
 - 10 tanks per pallet, stackable => 20 tanks per pallet space
 - 20 doors per pallet, stackable => 40 doors per pallet space
 - 26 (17+9) pallets per truck (trailer) → 360 units
 - 21 (14+7) pallets per container → 280 units

Cabinet	Part number
ARED-108	AC50108
ARED-810	AC50810

Accessories	Part number
Mounting plate	SP10800
Screws for mounting plate	SE15073
Wall fixing accessoires	SE15178
Door retaining device	SE15042
Padlock device	SE15002





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