



## **Product Datasheet**

### **Series 2000 - Model No. OR2120**

Yakir OrLite's Premium Enclosures Line **BLOOMGUARD™** (patented) is produced by PiMC Technology.

**BLOOMGUARD™** Enclosures offer exceptional UV radiation protection and resistance to glass fiber blooming, even in harsh and challenging environmental conditions. This resistance is achieved through the creation of a chemically-bonded layer on the enclosure surface.

The **BLOOMGUARD™** Enclosure line is made-to-order.

#### **Common features:**

- ✓ Cabinets made by hot molded GRP (Glassfiber Reinforced Polyester).
- ✓ One door.
- ✓ Enclosure delivered in kit form or factory assembled.
- ✓ Enclosure surfaces are smooth.
- ✓ RAL7035, light grey.
- ✓ Degree of Protection IP44 as standard. IP55/54 is available on request with a bottom plate.
- ✓ Suitable for use in wide temperature variations: -35°C to +80°C without modification of properties.
- ✓ Door :
  - Three-point locking mechanism, operated by vandal-proof swing handle, suitable to receive a semi-cylinder lock. Double-Lock Handle for two cylinders is available on request.
  - Opening angle exceeds 95° as standard. 180° available on request.
  - Easily removable without tools, allows free access for maintenance.
  - Standard right-hand opening.
- ✓ M10 threaded inserts are molded in the rear panel to allow direct mounting of busbars, a frame, or a mounting plate for components. M8 is available on request.
- ✓ The roof fits flush with the door and sides, allowing enclosures to be joined back-to-back or side-to-side with no gap between them.
- ✓ The roof shape prevents water ponding.
- ✓ The lower cross-beam profile can be removed without tools for easy cable access.
- ✓ IK10 rating against external impacts.
- ✓ Fixation points by embedded M8 nuts on the external side panel for fastening to a wall, available on request.
- ✓ To be mounted in a basement according to DIN 43629 standard dimensions between the fixation points.

### **Dimensions**

- ✓ Height: 1250mm
- ✓ Width: 590mm
- ✓ Depth: 320mm

### **Standard**

- ✓ EN/IEC 61439-1
- ✓ EN/IEC 61439-5
- ✓ EN/IEC 62208
- ✓ EN/IEC 60529
- ✓ EN/IEC 62262

### **Applications**

Power distribution, Water treatment plants, Cable TV (CATV), Telecommunications, Photovoltaic, Camping sites and Marketplaces, Traffic signaling, Street lighting, Metering cabinets, Fuseboards, Motorways, Airports, Rail networks, Harbors, Hoisting, Solar plants, Electric vehicles, and almost all electrical infrastructures and industrial applications needing GRP Enclosures.