



GRP Housings for UPS Systems

fire-rated standard & bespoke solutions



Weatherproof “drop-over” GRP Housings to provide a complete “walk-in” dedicated and secure location for your UPS & Battery Systems avoiding the need to find suitable space within the main building.

As standard the GRP enclosures are delivered to site pre-built with the UPS and battery systems delivered separately once the GRP is in position. The most common and cost-effective approach is to locate the GRP on a suitable concrete slab whereby it is fixed and sealed using an internal flange.

Standard Specification

GRP Composite Construction Gel Coat / GRP / 18mm Ply / Rockwool / 70mm Encapsulated Vertical Battens. GRP Construction has been designed to comply with BS 476 Part 7 (1997) by means of the use of a Fire-Retardant Materials Internally. The Materials used have been designed to exceed **1 Hour Fire Rating** (Class 2, Surface Spread of Flame).

Installation ‘Drop-Over’ design (no floor) to be fixed and sealed to concrete slab using Internal 120mm Fixing Flange (*note a stepped concrete base is recommended to reduce risk of ingress*)

Access using Lockable 2M high Doors c/w Vandle Proof Hinges, Door Stays & Security Night Latch. Doors to be reinforced with Encapsulated Box Section Steel and to close against a Neoprene Seal.

Ventilation Includes Natural Air Vent(s) c/w slim line GRP Cowls & Insect Mesh

Temp Control Includes Air-Conditioning Unit to maintain internal temp between 20 to 25degC.

Extra Features Includes Small Power DB feeding Socket(s), *Internal Light(s), *External Flood Light, Smoke Alarm & AirCon. (*all supplied, fitted & pre-wired in PVC conduit*)
**lighting includes battery backup c/w emergency test switch*

External finish applied textured finish / colour tbc from BS or RAL range.
(*all metallic colours excluded*)

Internal finish white grp

Delivery via Hi-ab offloading adjacent to vehicle onto pre-prepared concrete base or steel frame
(*mainland UK only*)





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- Four standard designs available for quick quotations
- Pre-wired Small Power DB to feed Internal Socket, Light, Smoke Alarm & AirCon
- All solutions are made to order & are fully customizable to suit specific requirements
- Panel or 'Kit' form options are available for difficult access sites if required
- Steel floor options are available on request
- After order placement, detailed GA drawing with equipment layout will be provided

GRP-UPS-3025F-60FR

****£POA**

External Dims (mm) **3200w x 2700d**
 Internal Dims (mm) **3000w x 2500d x 2450h**
 Approx. Weight **950kgs (empty)**
 2.5kW Wall Mounted AirCon Unit
 Double doors centrally positioned on 3200w wall

GRP-UPS-4025F-60FR

****£POA**

External Dims (mm) **4200w x 2700d**
 Internal Dims (mm) **4000w x 2500d x 2450h**
 Approx. Weight **1150kgs (empty)**
 3.5kW Wall Mounted AirCon Unit
 Double doors centrally positioned on 4200w wall

GRP-UPS-5025F-60FR

****£POA**

External Dims (mm) **5200w x 2700d**
 Internal Dims (mm) **5000w x 2500d x 2450h**
 Approx. Weight **1350kgs (empty)**
 4.2kW Wall Mounted AirCon Unit
 Double doors centrally positioned on 5200w wall

GRP-UPS-6028F-60FR

****£POA**

External Dims (mm) **6200w x 3000d**
 Internal Dims (mm) **6000w x 2800d x 2450h**
 Approx. Weight **1600kgs (empty)**
 Central Fire Rated partition wall to create 2 rooms
 3.5kW Wall Mounted AirCon Units (1 in each room)
 Single door access to each room located on 6200w wall

***Excludes crane lifting and any onsite handling or movement (offload adjacent to vehicle only)*
***Excludes any fixing or sealing to concrete base (assumed to be by others)*
***Excludes AC cabling & *Fire-Rated Cable Entry (*blanking plate(s) only) (responsibility of electrical contractor)*

For any GRP requirements, please contact our sales team at sales@bender-uk.com to discuss further.

