

Modular Battery Cabinet for Trimod HE

**310805 – 310806 – 310760 – 310761 – 310762 -
310763 - 310764**



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1. GENERAL DESCRIPTION

Legrand offers a modular battery cabinet for Trimod HE UPS. The modular battery cabinet family is designed to house standard VRLA Batteries of 9Ah capacity (C10).

The modular battery cabinets, with 2 different mechanical dimensions, are able to contain various combination of Batteries, connected in series and installed in a drawer for hot swap connection and with max DC voltage of 240Vdc. 4 battery drawers are connected in parallel to reach a full string of 20 batteries. Each battery drawer can house 5 batteries of 9Ah capacity.

Legrand Modular Battery cabinets are available in:

- empty version, with drawers and without batteries.
- version equipped with drawers and batteries.

The battery drawers are fastened to the structure with screws, so it is possible to open the battery cabinet door in total safety; batteries are inside the drawers and isolated on the front by the plastic handle of the drawer itself.

The proper ventilation is guaranteed, with natural air circulation, thanks to the ventilation holes, on cabinet side and rear panels.

2. TECHNICAL SPECIFICATIONS

General specifications	
Nominal Voltage	240 Vdc
Battery segregation	Batteries are inside the drawers and isolated on the front by the plastic handle of the drawer itself
Switches and protection access	Internal bottom front side
Disconnection and protection devices	Fuse holders Switch with CH fuses
Cable Entrance	bottom sides (both left and right)
Cable connections	On Fuse holder terminals
Cabinet Access	Front door with key lock and removable sides and rear panels
Protection Degrees	IP20
Colour	RAL 7016
Packaging	Carton box, Cabinet base with Forklift Access
Standard	IEC-EN 62040-1

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3. MODULAR BATTERY CABINET

ItemCode	Cabinet Dimension (L x D x H) mm	Switches and Protection Kit	Terminal screws	Weight(kg)	Batt(Ah)	No. of drawer
310805*	414x628x1370	8x FUSE HOLDER 3P GG 50A 14x51	4 x M6	89	9	16
310806*	414x628x1650	10x FUSE HOLDER 3P GG 50A 14x51	4 x M6	95	9	20
310760	414x628x1370	8x FUSE HOLDER 3P GG 50A 14x51	4 x M6	150	9	4
310761	414x628x1370	8x FUSE HOLDER 3P GG 50A 14x51	4 x M6	204,8	9	8
310762	414x628x1370	8x FUSE HOLDER 3P GG 50A 14x51	4 x M6	263,8	9	12
310763	414x628x1370	8x FUSE HOLDER 3P GG 50A 14x51	4 x M6	318	9	16
310764	414x628x1650	10x FUSE HOLDER 3P GG 50A 14x51	4 x M6	389,2	9	20

* Without batteries