



# CosmiVault Battery Rack, W670xD510xH1850, with 4 Battery Shelves



## Applicable Standards

- **IEC 60297** – Mechanical structures for electronic equipment (19-inch rack compatibility).
- **RoHS (Restriction of Hazardous Substances)** : Ensures the rack materials are free from hazardous substances like lead, mercury, and cadmium, making it environmentally friendly.
- **IEC 61439-1 / EN 61439-1** – Low-voltage switchgear and controlgear assemblies.
- **EN 10346** – Steel products with corrosion-resistant coatings.
- **ISO 12944** – Corrosion protection of steel structures (coating and finishing).

## Product Part Number

N941.CV6751185LG

## Product Description

The **CosmiVault Battery Rack** is a robust open-frame cabinet with dimensions **W670 x D510 x H1850mm**, featuring four battery shelves and support for **19" device compatibility**. Engineered for optimal ventilation and passive cooling, the rack provides a durable solution for housing batteries and essential equipment. Its thoughtful design includes an **earthing bar module**, **sliding top panels**, and a wear-resistant **powder-coated finish in RAL7035**.

## Product Features

- **Open Frame Design** : Optimized for passive cooling and ventilation without doors or panels.
- **Durable Construction** : Made from 2.5mm steel, treated for wear and abrasion resistance.
- **19" Device Compatibility** : Includes a 6U section for 19" equipment, with optional support for 21" and 23" devices by replacing mounting rails.
- **Earthing Bar Module** : Features 3 copper bars (8x40x80mm) and 1 copper bar (8x40x190mm), mounted on fireproof, insulating materials and covered with fiberglass for impact protection.
- **Cable Management** : Passages between shelves for hassle-free cable routing.
- **Sliding Top Panels** : Easy access for cable entry and ventilation.
- **Surface Finish** : Powder-coated in RAL7035 for an attractive and wear-resistant look.
- **Optional Side Brackets** : Can be installed with optional 19" side brackets for vertically mounting equipment.



## Material Specifications

Dimensions (W x D x H)	670mm x 510mm x 1850mm
Shelves	4 Battery Shelves
Device Compatibility	19" Equipment (21"/23" optional)
Earthing Bars	3x (8x40x80mm), 1x (8x40x190mm)
Material	2.5mm Steel
Surface Finish	Powder Coating, RAL7035
Top Panels	Sliding for easy access
Cooling	Passive (open-frame structure)
Special Features	Cable passages, fiberglass-protected earthing module
Optional Components	21" and 23" mounting rails

## Environmental Specifications

Operating Temperature Range	-10°C to 50°C
Storage Temperature Range	-20°C to 60°C

## Ordering Information

N941.CV6751185LG	CosmiVault Battery Rack, W670mm D510mm H1850mm, with 4 Battery Shelves and Earthing Bar, Light Grey (RAL 7035)
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LINK

## CosmiVault Battery Rack, W670xD510xH1850, with 4 Battery Shelves

### Shipping Information

Item	Dimension	Nominal Net Weight
Product	Width : 670mm Depth : 510mm Height : 1850mm	64.0 kg
Packaging	Width : 670mm Depth : 530mm Height : 1870mm	67.0 kg

