MinerTech Inverter and battery stand

SP-15

An all-in-one solution: steel frame, chipboard shelf and panel for the switchgear, a closed lower compartment for the battery.



Main specifications

Dimensions (H × W × D)	**1510 × 540 × 500 mm**
Battery bay	**height 685 mm, chipboard shelf**
Shelf + switchgear panel	**chipboard, above the battery compartment**
Inverter zone	**rear frame up to 1510 mm**
Material	**steel box section + laminated chipboard**
Finish	**frame: powder coating (standard black RAL 9005), chipboard colour of your choice**
Frame warranty	**2 years**

What for: for those who want a ready, neat “power module” with room for breakers and no separate panel on the wall.

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Why a stand, not a wall

Rented flat
not a single hole in the wall: the landlord has nothing to complain about, and when you move you take the whole station with the stand.

Fresh quality renovation
tiles, decorative plaster, wallpaper and painted walls stay intact; no need to look for hidden wiring before drilling.

Weak walls
plasterboard, aerated concrete and thin partitions hold the 6–15 kg of an inverter with a vibrating fan poorly; here the steel frame and floor take the weight.

Fire safety
a non-combustible steel frame instead of a wooden cabinet or shelf; the battery sits at the bottom, the centre of gravity is low.

Cooling and service
open design: air flows from all sides, terminals, breakers and the screen are accessible without dismantling.

Neatness
cables are tied to the frame tubes, and the station looks like one technical module rather than a set of boxes on the floor.

What fits

- inverters up to 11 kW
- Batteries in the bay ≈ 480 × 440 mm: 2 × 12.8V 100Ah side by side (24V kits), Cyccle Volt / ECONOMI POWER 25.6V 100Ah, PWOD 12.8V 320Ah, Humsienk Plus 160Ah
- DIN breakers, RCD, voltage relay, “grid/inverter” switch on the panel

Not suitable: cases 500–540 mm long (EASUN POWER, GSIKE, EKPAOWE, Nexcell 25.6V, 12.8V 300Ah) and DATOU BOSS 8.03kWh (565 mm high): use ST-2B; 51.2V rack batteries: RK-3/RK-5/RK-8.

Compatibility is checked against the dimensions of inverters and batteries in our catalogue. If you have other equipment, send us its dimensions: we will pick a stand or make one to fit.

Expert opinion

When the station should look like furniture: frame and chipboard in one colour, breakers on their own panel, battery covered by a shelf on top. Suits 12.8V and compact 25.6V batteries; for DATOU BOSS 8.03kWh (565 mm high) ST-15 or ST-2B is better.

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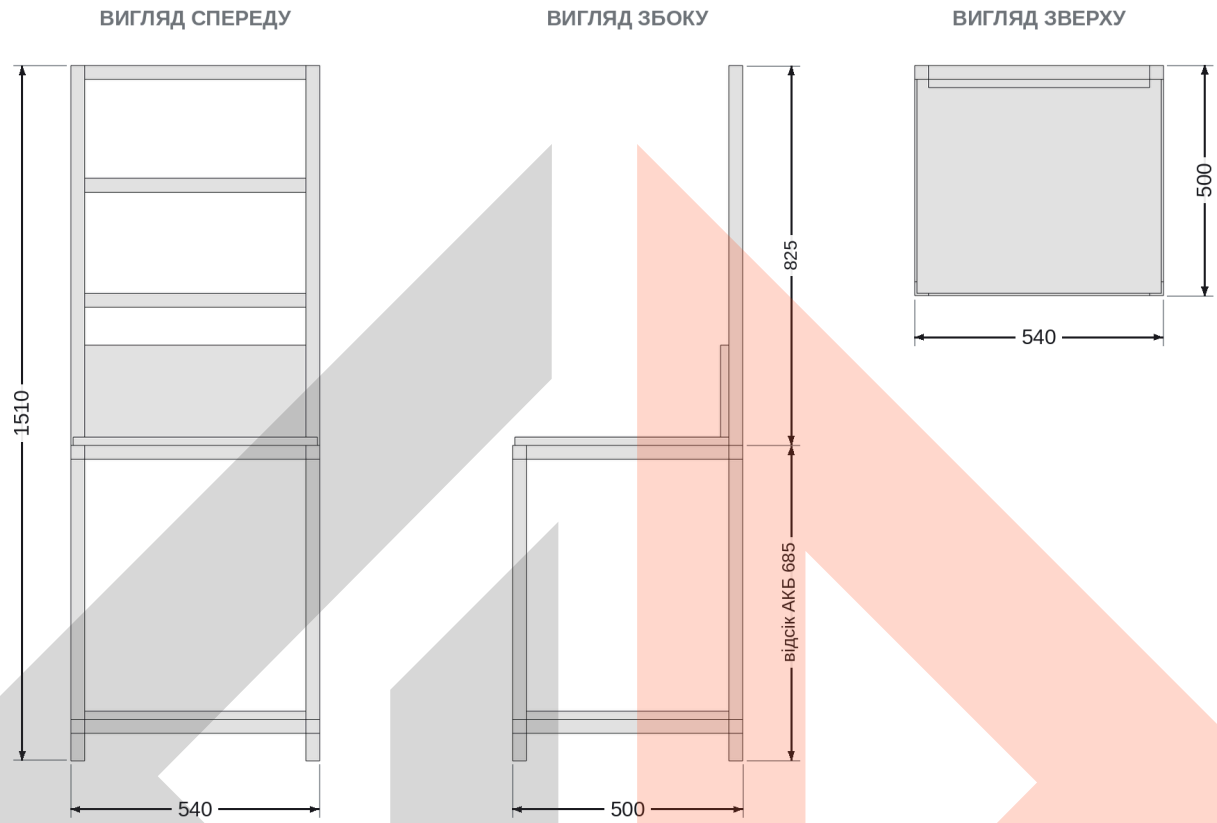
Drawing

MinerTech Стійка SP-15 · креслення — розміри в мм



Габарити (В × Ш × Г)	**1510 × 540 × 500 мм**
Нижній відсік під АКБ	**висота 685 мм, полиця з ДСП**
Полиця + щиток під автоматику	**ДСП, над відсіком АКБ**
Зона інвертора	**задня рама до 1510 мм**
Матеріал	**сталева профільна труба + ламіноване ДСП**

Нестандартні розміри — під ваше обладнання

External dimensions in millimetres. Manufacturing tolerance ±5 mm. Non-standard sizes to fit your equipment.

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Fitting, safety

- Place the stand on a level, solid floor. On tiles or laminate, put rubber or felt pads under the feet.

- The heaviest item, the battery, always goes at the bottom. The inverter is fixed to the crossbars through its own mounting plate with M6 bolts or self-tapping metal screws.
- Leave ≈ 200 mm free above and below the inverter and ≈ 100 mm at the sides: most hybrid inverter manuals require this for cooling.
- Keep the battery–inverter power cables as short as possible (up to 1.5–2 m) and fit a DC breaker or fuse near the battery.
- Connect the frame to earth (PE conductor from 6 mm²): then the stand is earthed just like the inverter housing.
- Do not place the station near heating radiators, in direct sunlight or in a closed cabinet without ventilation.

Build and colour

The frame is welded from steel box section; welds are cleaned, and the structure is powder coated and oven cured. The coating is dense and resistant to moisture, scratches and UV. Standard colours are black RAL 9005 and white RAL 9016; any other RAL colour and non-standard sizes for your equipment are made to order. Frame warranty: 2 years.

RAL 9005 RAL 9016 RAL 7016 RAL 7035 RAL 9006 RAL 8017 RAL 5010

Colours on screen and in print are approximate.

Supplied

Welded rack frame with powder coating, shelves and panel in chipboard. The inverter, batteries, breakers and cables in the pictures are shown as examples and are not included.





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