MinerTech Inverter and battery stand

ST-2B

Open rack with a lower bay for two batteries and an inverter frame on top. Battery and inverter indicators are always visible.



Main specifications

Dimensions (H × W × D)	**1500 × 600 × 450 mm**
Battery bay	**600 × 450 mm (outer), height 700 mm**
Inverter zone	**rear frame 700–1500 mm, 3 crossbars**
Material	**steel box section, welded structure**
Options	**wheels, custom sizes for your equipment**
Finish	**powder coating; standard: black RAL 9005 or white RAL 9016, other RAL on request**
Frame warranty	**2 years**

What for: kits with two batteries: 24V from 2 × 12.8V or double capacity 2 × 25.6V.

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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

- 2 batteries 25.6V 100Ah side by side, including “long” cases up to 540 mm (2 × EASUN POWER 510 × 167 × 240 mm, GSIKE, EKPAOWE, Nexcell)
- 2 batteries 12.8V 100–160Ah (24V kits from two 12V batteries)
- DATOU BOSS 25.6V 314Ah 8.03kWh or 12.8V 300–320Ah (ECGSOLAX, POWLAND, PWOD)
- inverters up to 11 kW

Not suitable: 51.2V rack batteries (use 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

The best choice for 24V kits from two 12.8V batteries and for systems with two 25.6V batteries: they stand side by side in the lower bay at one level, the links between them are short, and the inverter hangs above on its own frame.

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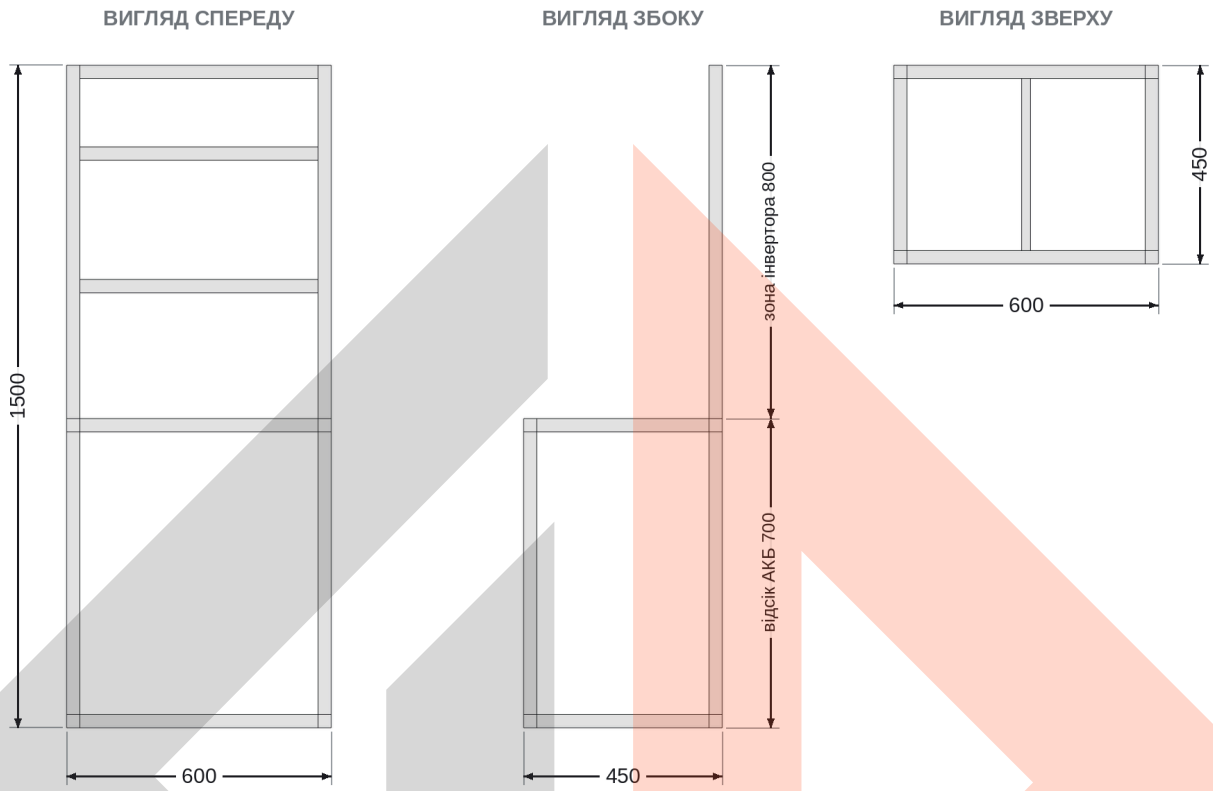
Drawing

MinerTech Стійка ST-2B · креслення — розміри в мм



Габарити (В × Ш × Г)	**1500 × 600 × 450 мм**
Нижній відсік під АКБ	**600 × 450 мм (зовн.), висота 700 мм**
Зона інвертора	**задня рама 700–1500 мм, 3 поперечки**
Матеріал	**сталева профільна труба, зварна конструкція**
Опції	**колеса, нестандартні розміри під ваше обладнання**

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 stand frame, powder coated. The inverter, batteries, switchgear and cables in the images are shown as examples and are not included.





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