

Manuale utente 6V PSU Hub 2/Hub 2 Plus

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6V PSU Hub 2/Hub 2 Plus è un'unità di alimentazione, che collega i pannelli di controllo Hub 2 e Hub 2 Plus a sorgenti CC da 6 e 12 volt. Questa è una scheda elettronica, che sostituisce l'unità di alimentazione standard da 110/230 V nel corpo del dispositivo.

[Come calcolare il tempo di funzionamento di Hub 2 o Hub 2 Plus dalla batteria portatile durante il collegamento tramite PSU da 6V](#)

[Acquista 6V PSU](#)

Installazione



6V PSU Hub 2 / Hub 2 Plus deve essere installato solo da un elettricista qualificato.

Prima di installare l'alimentatore, assicurarsi che il dispositivo sia scollegato dalla rete.

Quando si installa il 6V PSU Hub 2/Hub 2 Plus, seguire le regole generali di sicurezza elettrica, nonché i requisiti degli atti normativi sulla sicurezza elettrica. Non smontare mai il dispositivo mentre è sotto tensione!

[Qual è la differenza tra 6V PSU e 12V PSU](#)

Installation process:

1. Remove the screws and take off the device from the SmartBracket mounting panel, shifting it down with force.



2. Switch off the device holding the power button for 2 seconds.
3. Disconnect power and Ethernet cables.



Wait 5 minutes for the capacitors to discharge.

4. Remove four screws of the back lid and take it off.



5. Remove the screws attaching the boards to the device body.



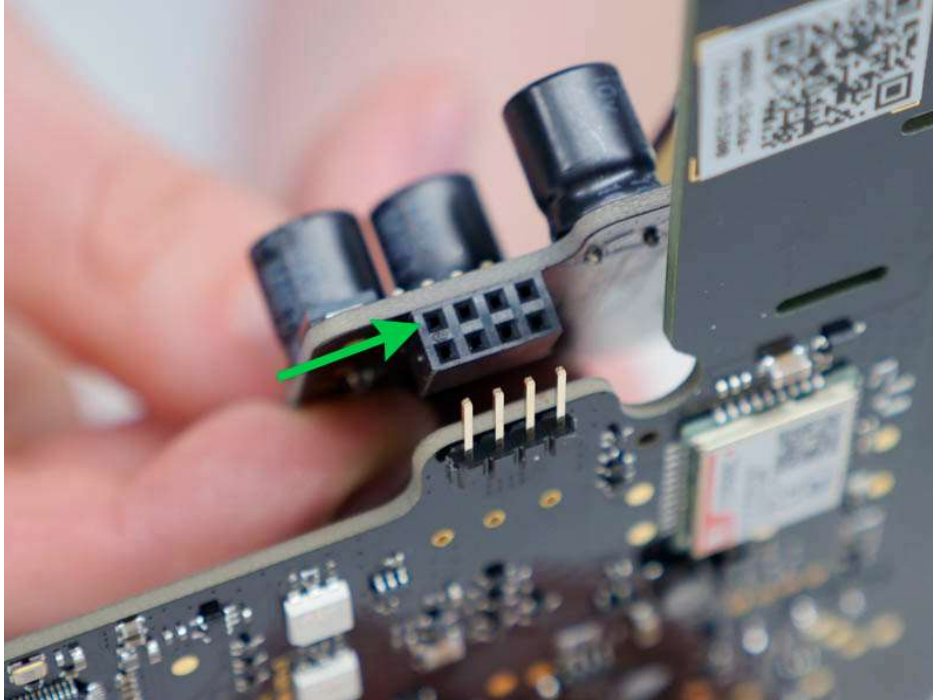
6. Carefully remove both boards, keeping them in the same plane and not disconnecting them. There is a connector between boards: do not break it.



7. Disconnect the power supply unit (smaller board) from the mainboard.
8. Connect 6V PSU Hub 2/Hub 2 Plus to the mainboard using the eight-pin connector between them. Do not warp or bend the antennas while replacing the board: this can cause the device to malfunction.



Please note: the board contacts should be plugged in the bottom row of the connector (closest to the board). When connected correctly, the boards are on the same level.



9. Reassemble the boards and the device body then tighten the screws.



Check that the battery and its cables are not clamped. When installed properly, the boards stand firmly on all guides and do not stagger. Holding the boards together with the back lid, turn the device over. The SIM card slots, power, and Ethernet sockets should match accurately and fit the corresponding sockets, and the power button should not be stuck.

Change the information about input voltage on the device body to avoid incorrect power connections in the future. Use the special bundled sticker with the instruction.

10. Connect the power (and Ethernet cable) to the appropriate sockets.

11. Switch on the 6 V power source.



Do not connect the power cable with a voltage that exceeds the acceptable input voltage.

12. Switch on the device by holding the power button for 2 seconds.

13. Close and fix the SmartBracket mounting panel.

Switch on the device, wait until loading, and check the external power status in the Ajax app. If there is no power, and you are using a terminal adapter, check

the polarity of the connected wires. If there is no power even after reconnecting, please contact the Support Service.



We recommend using zinc-air alkaline batteries for long-term autonomous operation. Before connecting such a battery, make sure that all the stickers have been removed, and valves capping the air access are open. If possible, leave the battery with access to air for up to 2 hours. This will start a chemical reaction inside and ensure proper functioning.

Maintenance

The device does not require technical maintenance.

Tech specs

Compatibility	Hub 2 and Hub 2 Plus
Input voltage	4.2-16 V DC
Output voltage	4.8 V DC \pm 5%
Switch on voltage	4.2 V DC \pm 2.5%
Switch off voltage	3-3.4 V (depending on load)
Max input current	2,2 A on 4,2 V; 0,5 A on 16 V
Max output current	1,5 A
Temperature range	from -10°C to +40°C
Humidity	Up to 75%
Connection to mains	Socket: 6.5 \times 2 mm Plug: 5.5 \times 2,1 mm
Dimensions	98 \times 70 \times 17 mm
Weight	26 g

Complete Set

1. 6V PSU Hub 2/Hub 2 Plus

2. Terminal adapter

3. Quick start guide

Warranty

Warranty for the AJAX SYSTEMS MANUFACTURING Limited Liability Company products is valid for 2 years after the purchase.

If the device does not function correctly, please contact the Support Service first. In half of the cases, technical issues can be solved remotely!

[Warranty Obligations](#)

[User Agreement](#)

Technical support: support@ajax.systems