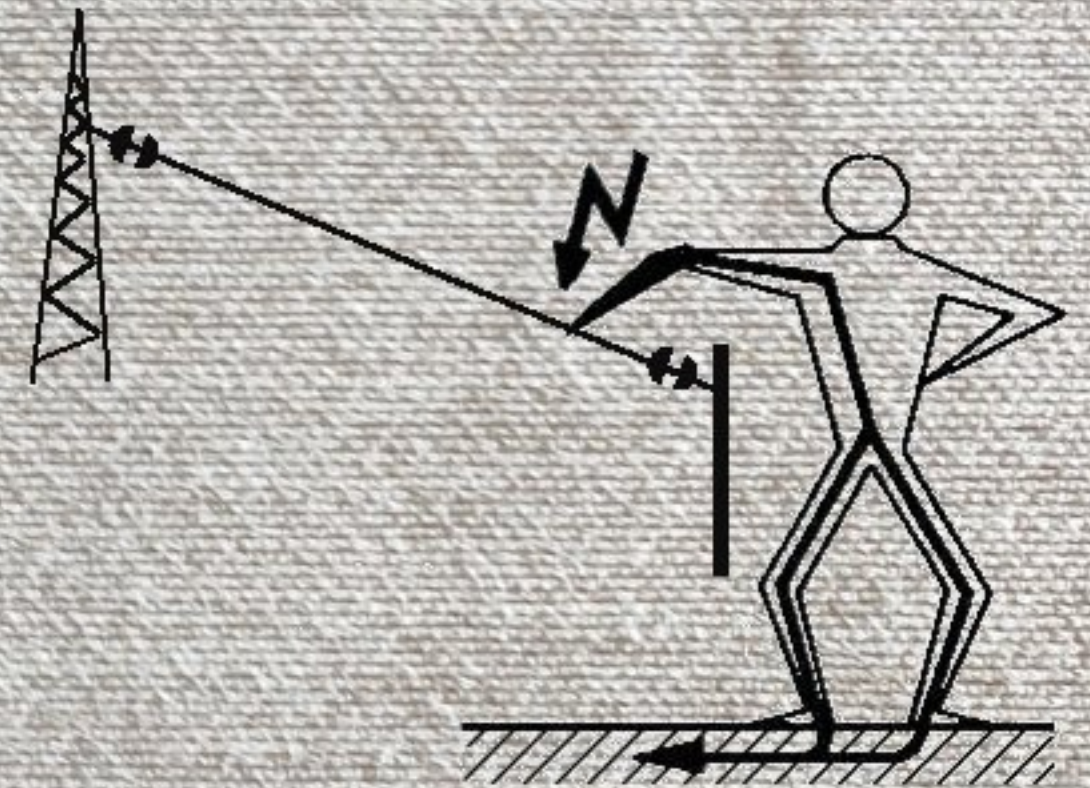


Presentatie juni 2023

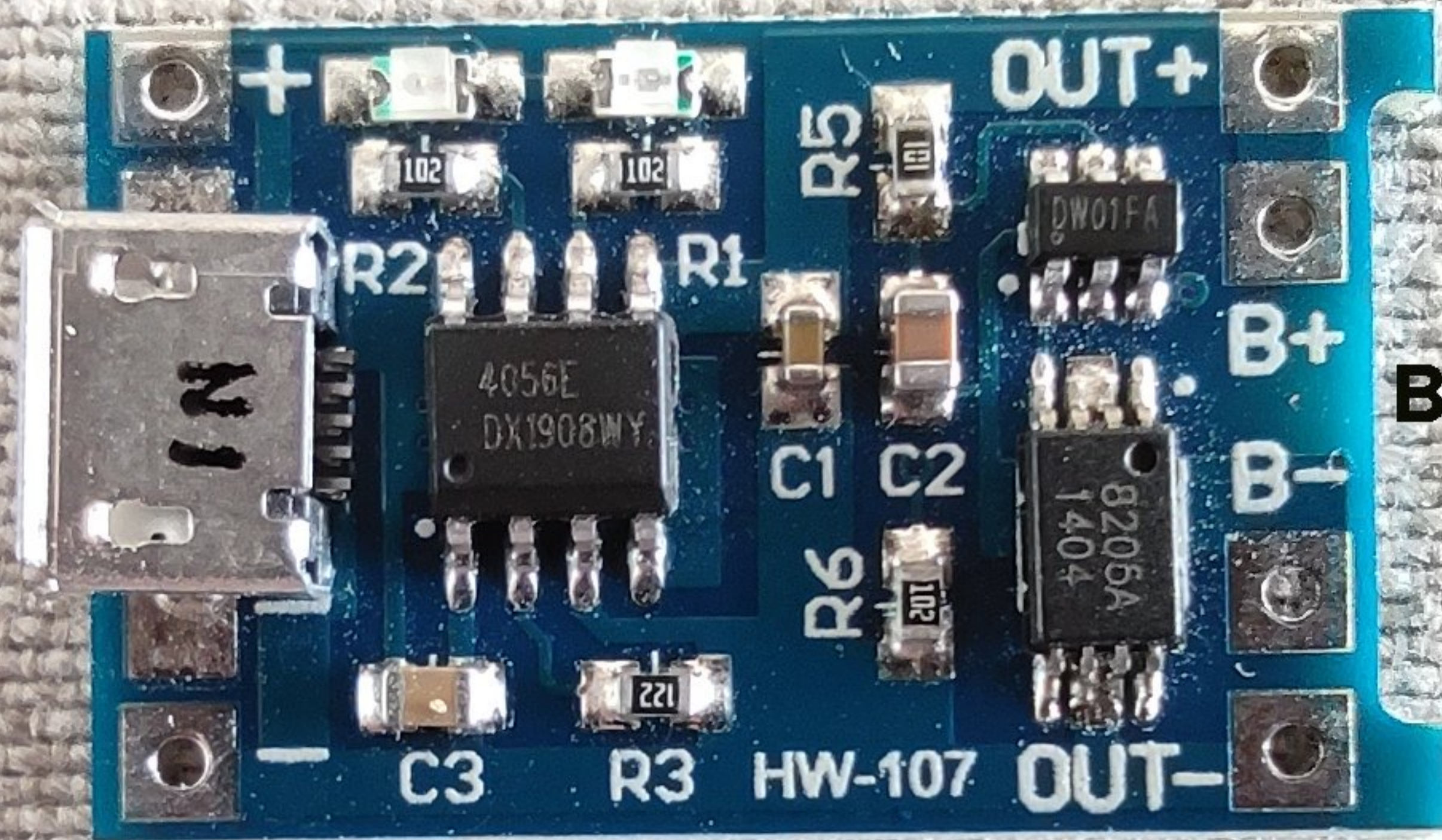
ON1BES

Li-ion Batterijen: Gebruik, Toepassingen in de Amateurwereld



USB Micro in

Status LED's

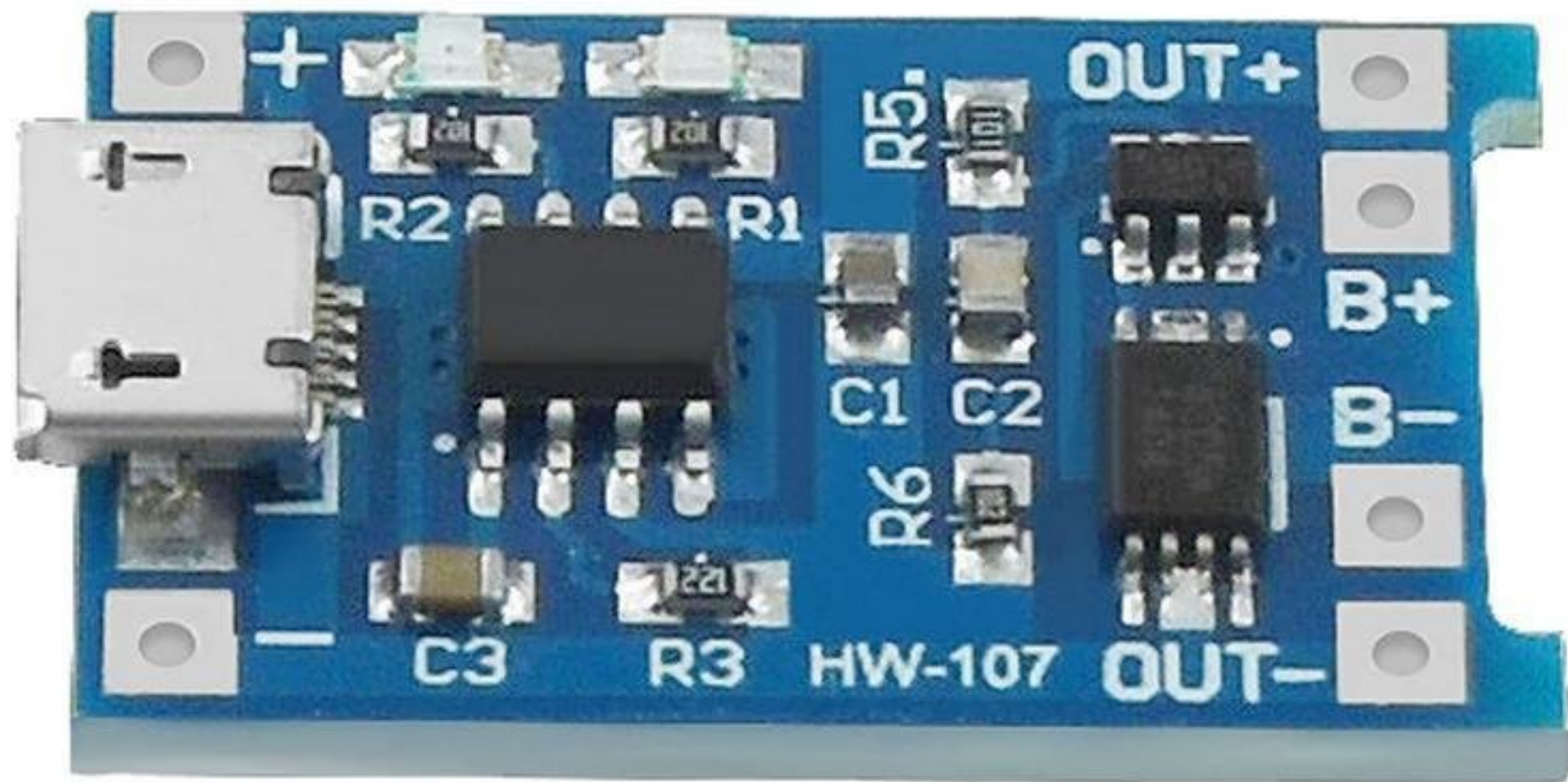


+ Output 5V

Batt.Out 4.2V

- Output 5V

Basic USB Li-ion oplader voor 4.2V Cel of output 5V



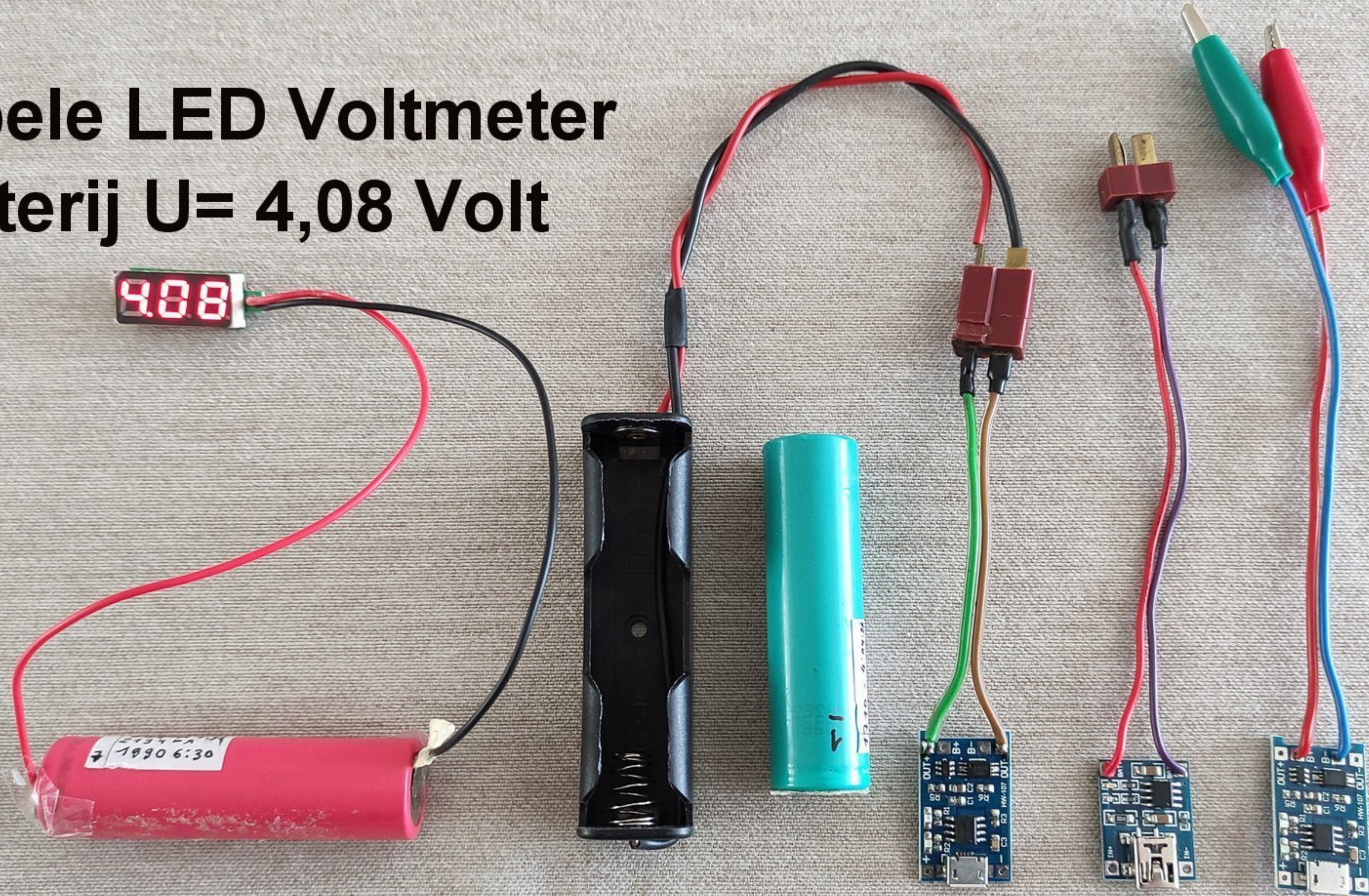
Basic

USB to Li-ion Charger € 0,94

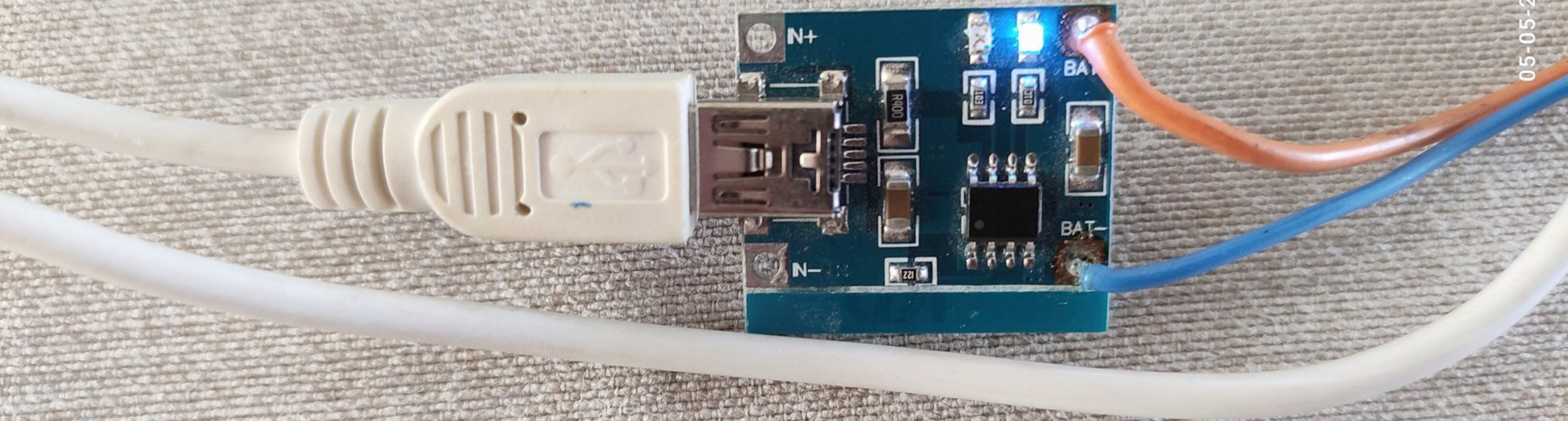
In= 5,0V Out= 4,2V Li-ion Cel of OUT 5.0V

Simpele LED Voltmeter

Batterij $U = 4,08$ Volt

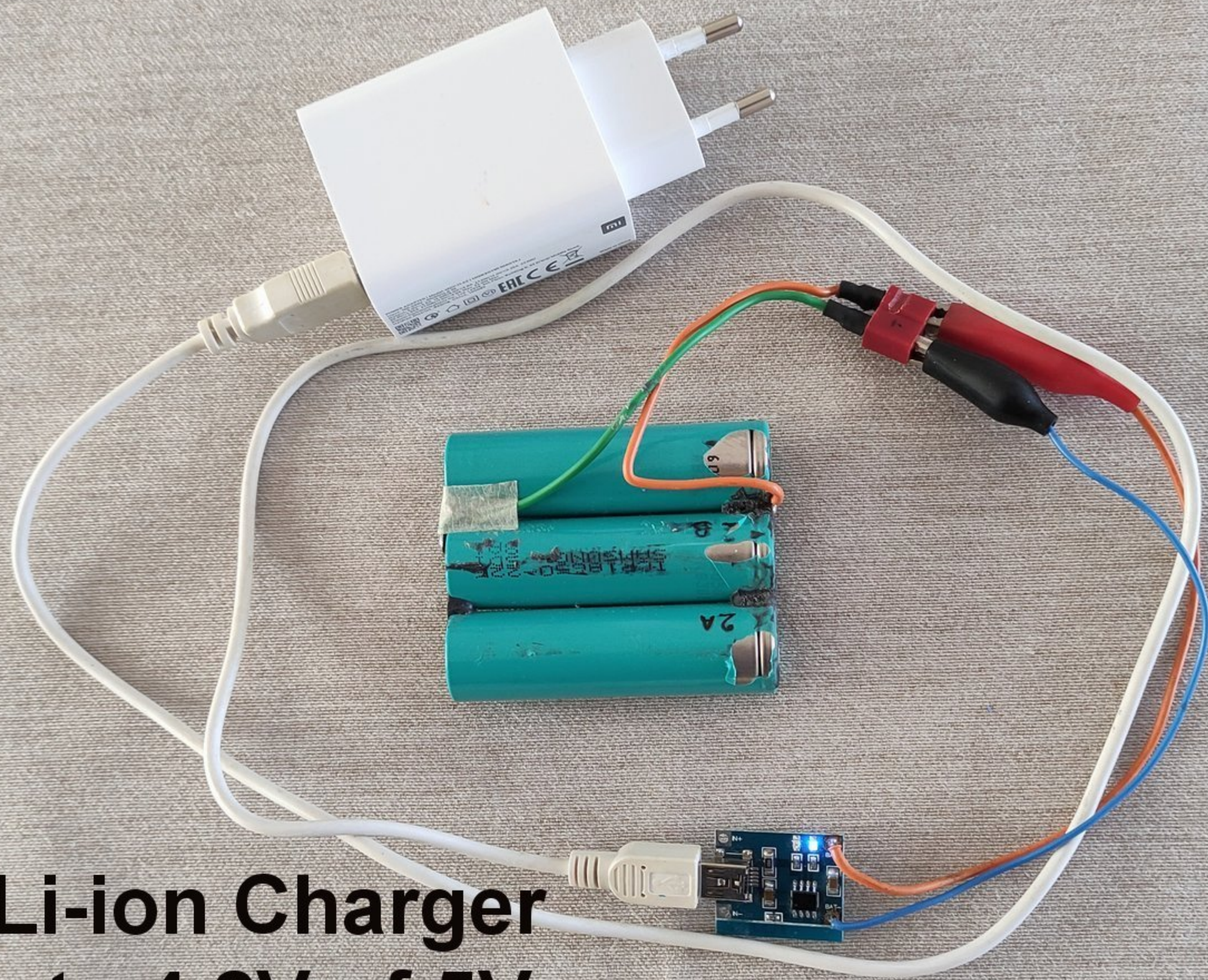


3 Types: Li-ion USB Type Micro en USB -C Lader



USB naar Li-ion Charger
In= 5,0V Out= 4,2V of 5V
Blauwe LED = batt. vol

**3-Cel
USB naar Li-ion Charger
In= 5,0V Out= 4,2V of 5V
Blauwe LED = batt. vol**

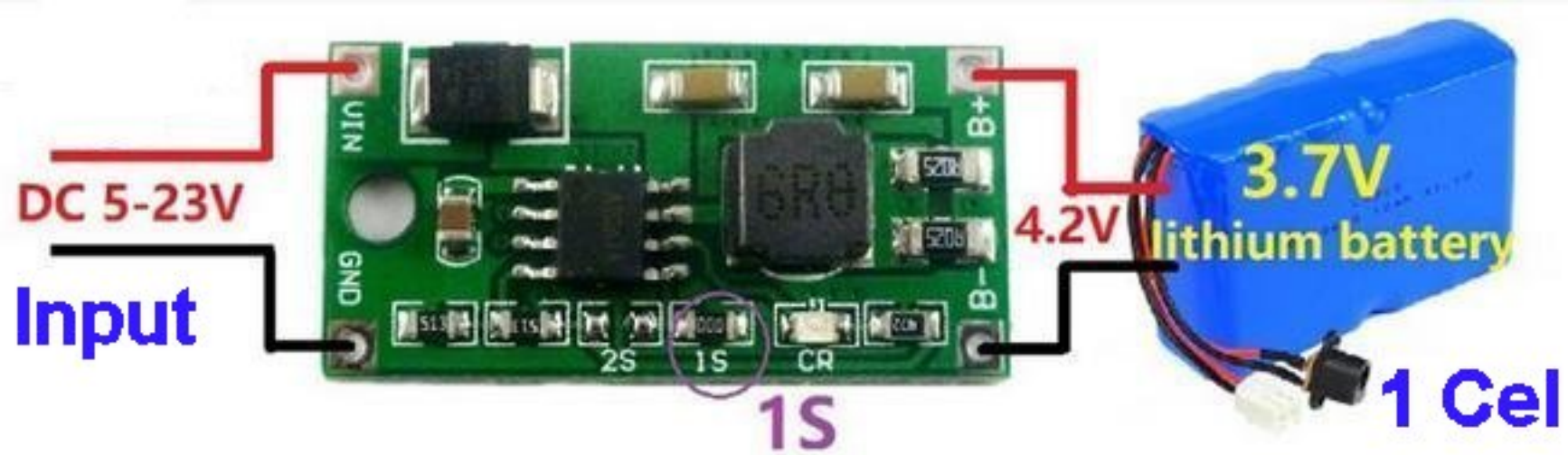


220 -230 V

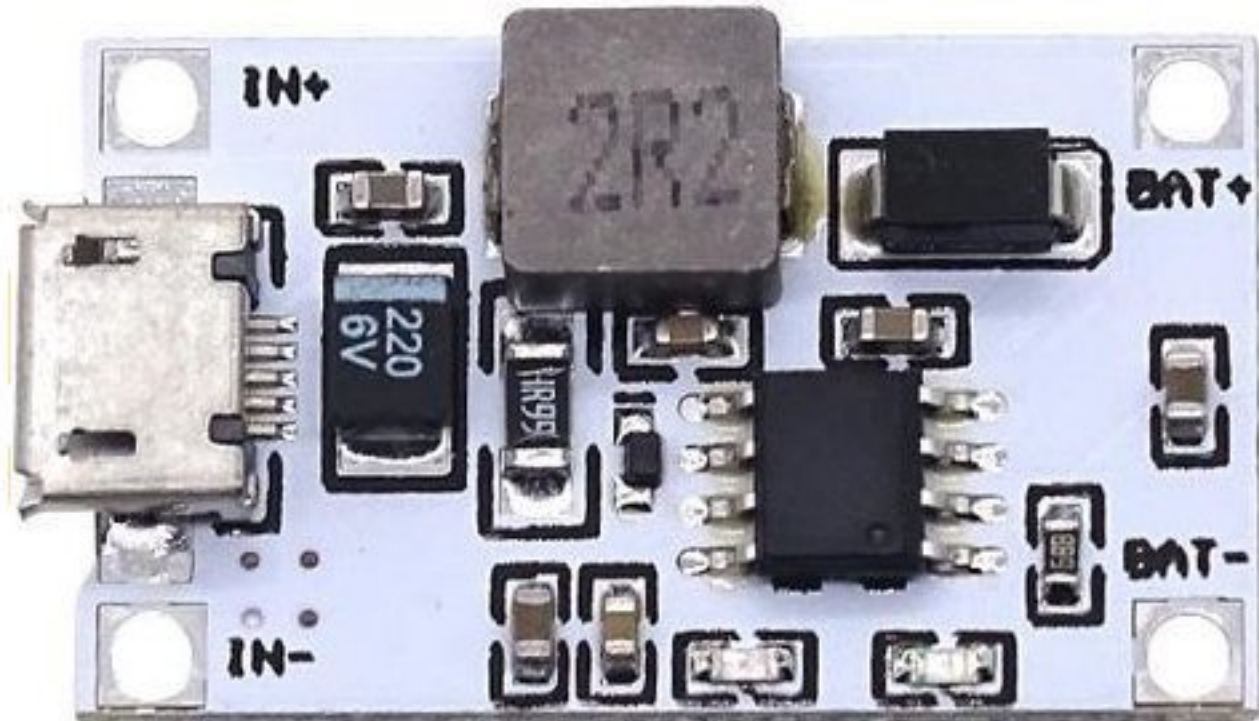


Li-ion 3.7- 4.2 V

1 Cel automatische oplader



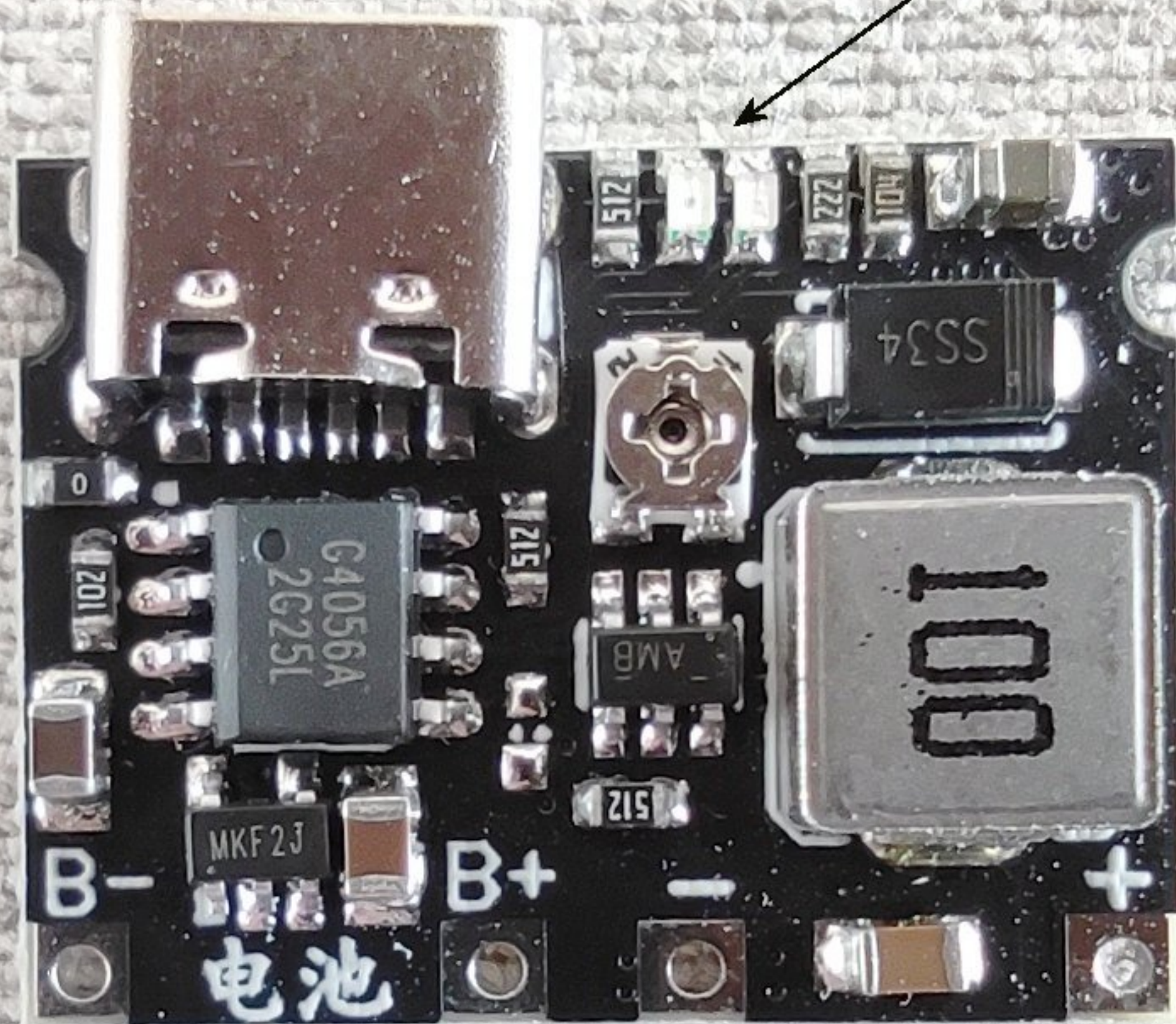
**Li-ion opladers voor 1-2-3 Cellen
Batt. Pack maken voor portable**



USB Booster module om 2 Li-Ion cellen (vaste instelling) in serie =8,4V te laden met USB 5V lader
Toepassing: Batt. Pack maken voor portable

USB-C in 4.6-6V

Status LED's



Li-ion Batt. Output 4.2-28V

USB-C in 3.7-6V Step-up naar 4.8-28V Max 1A
T punt= met bescherming of zonder



**USB Li-Ion oplader 1-2 cel 3.7V
en booster naar 4.3 tot 27V
V.b. vervanger van Ni-Cad batterij
4.8V voor Fluke Multimeter/Scoop**

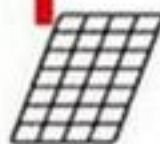
charging indicator



Discharge indicator



Solar panels



Battery

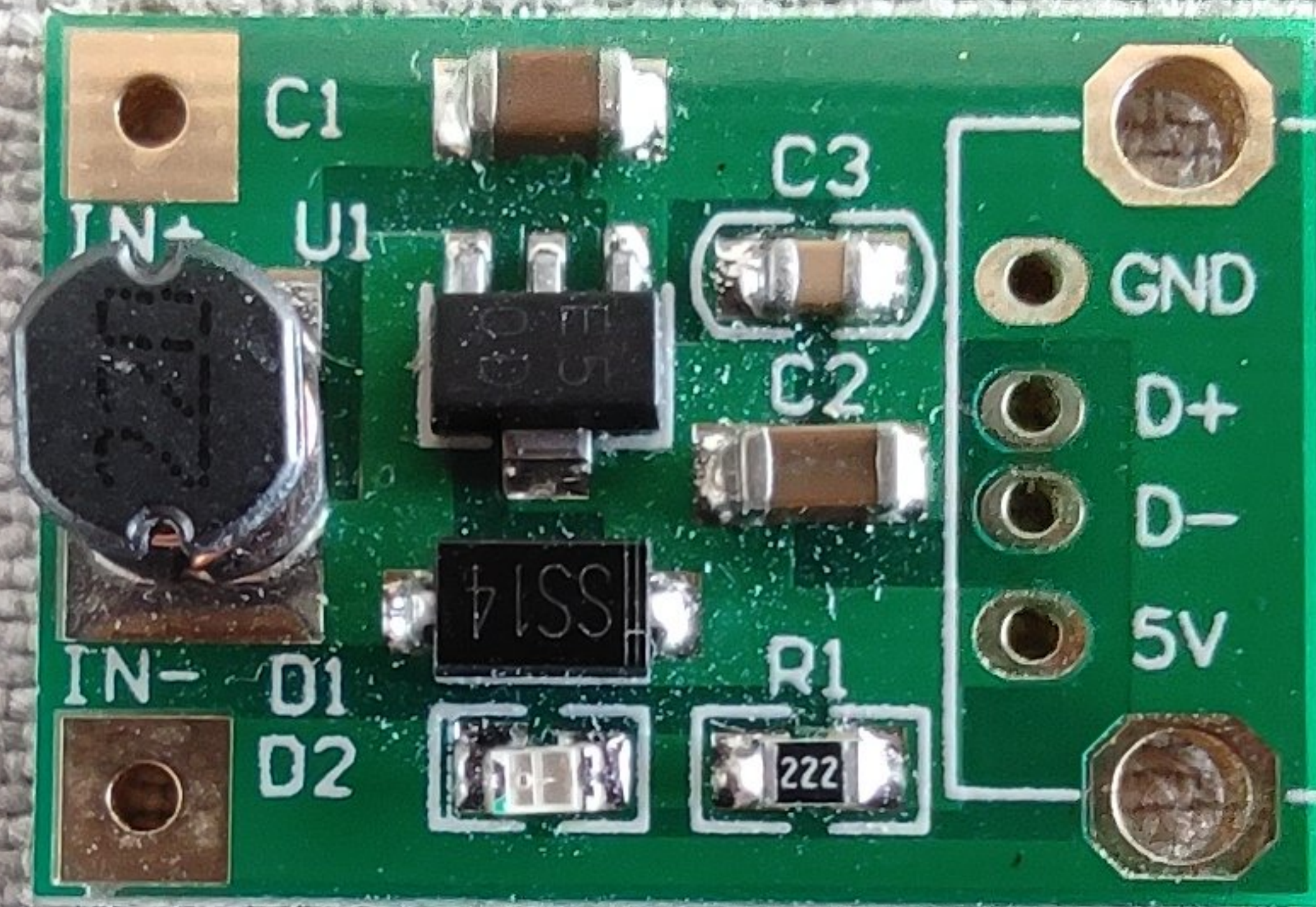


load



Mini zonne-
paneel laad-
ontlader
Controller

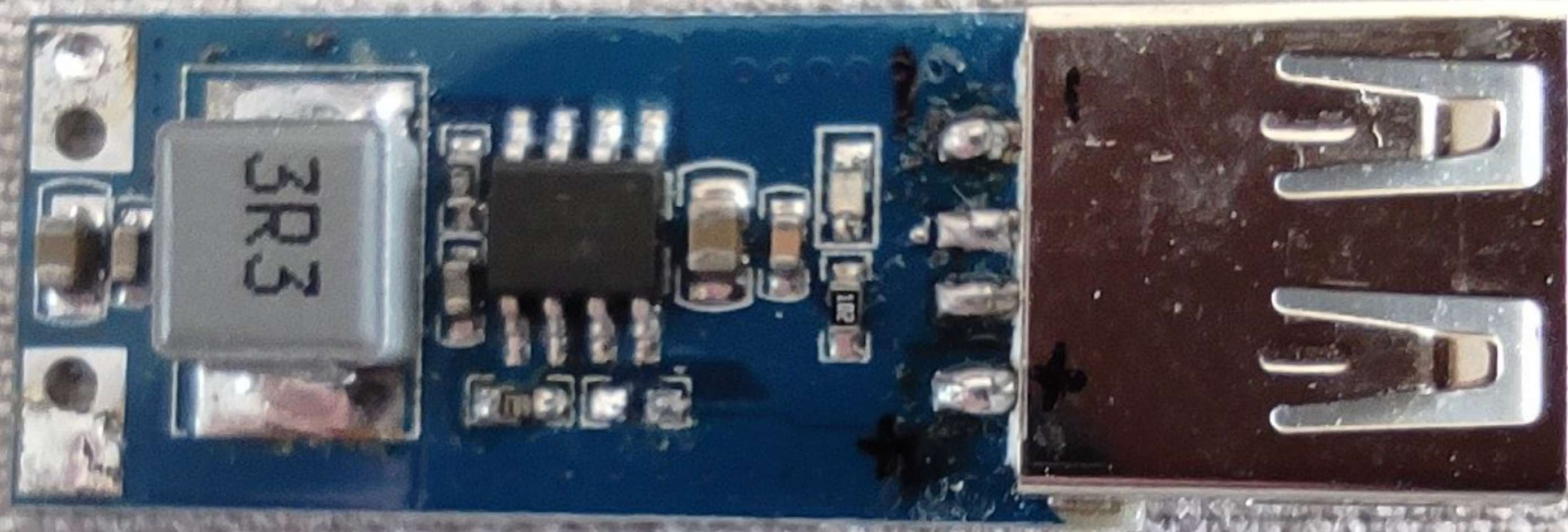
DC Input 2-6V



**USB DC Output 5V
500mA**

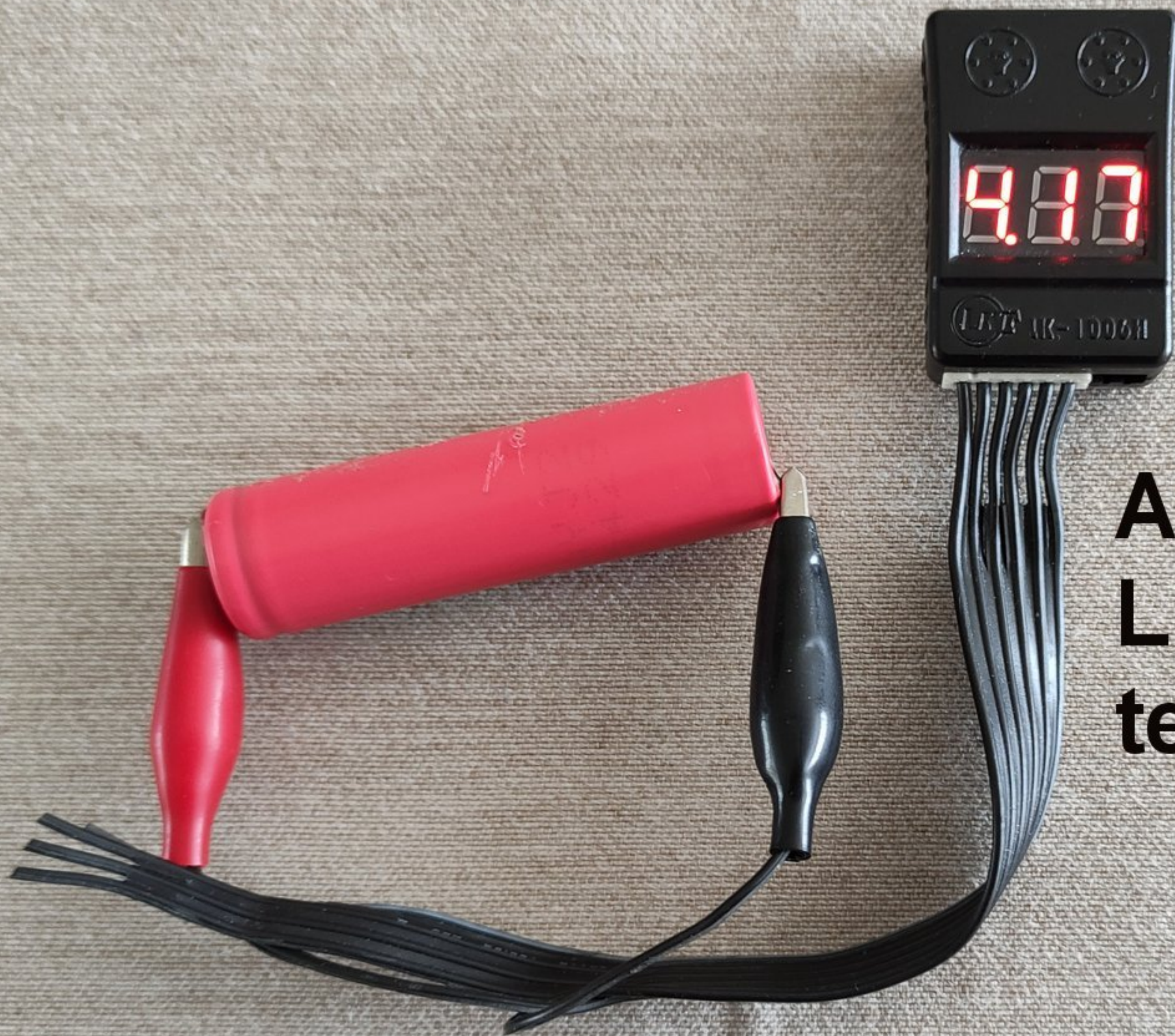
**DC 2-6V input to 5V USB 0,4A output
0,5 A**

DC in 3-6V

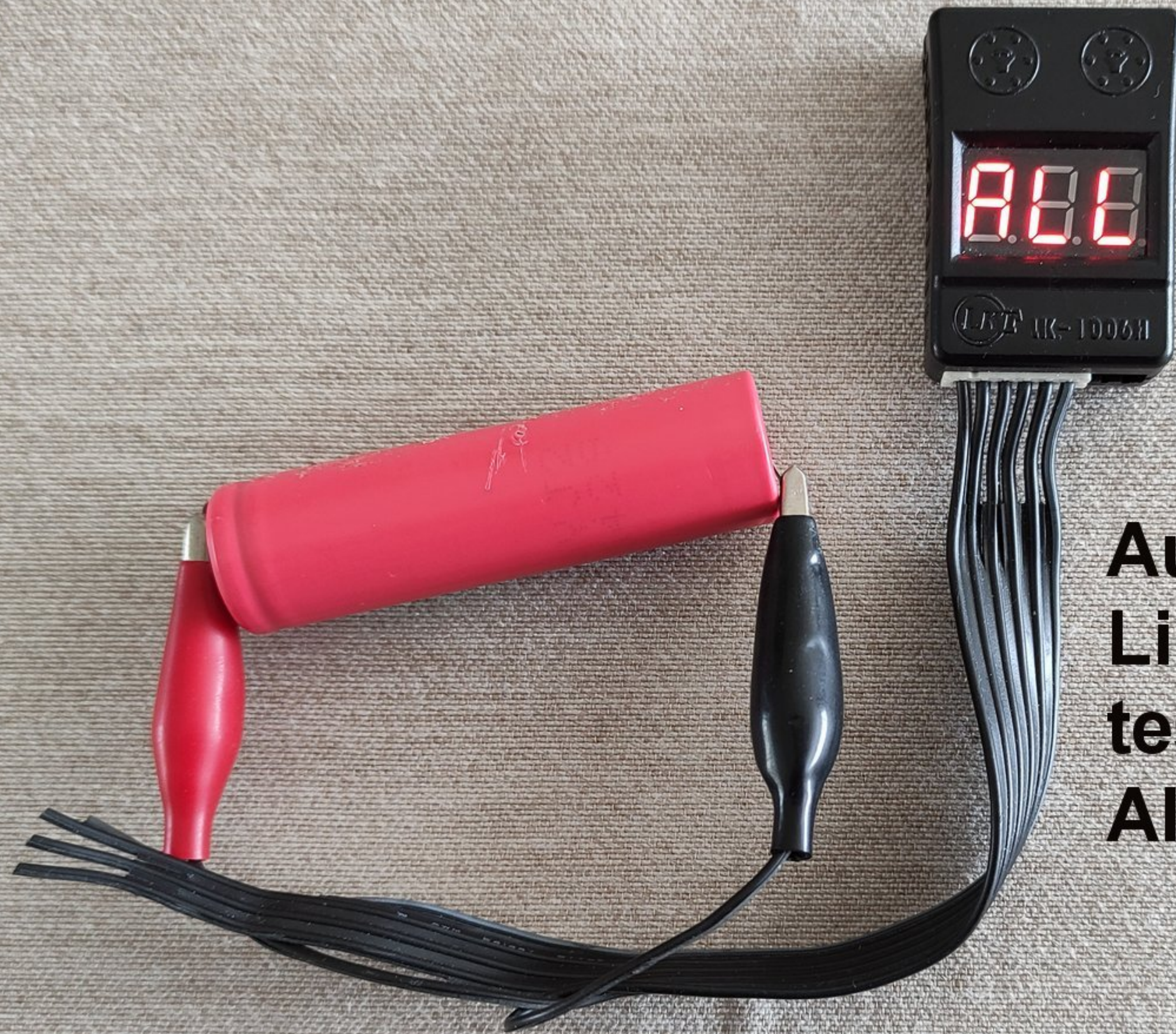


DC in 3-6V to USB 5V 2A

USB Type A 5V 2A



**Automatische 8-cel
Li-ion Voltmeter
tester met Alarm**

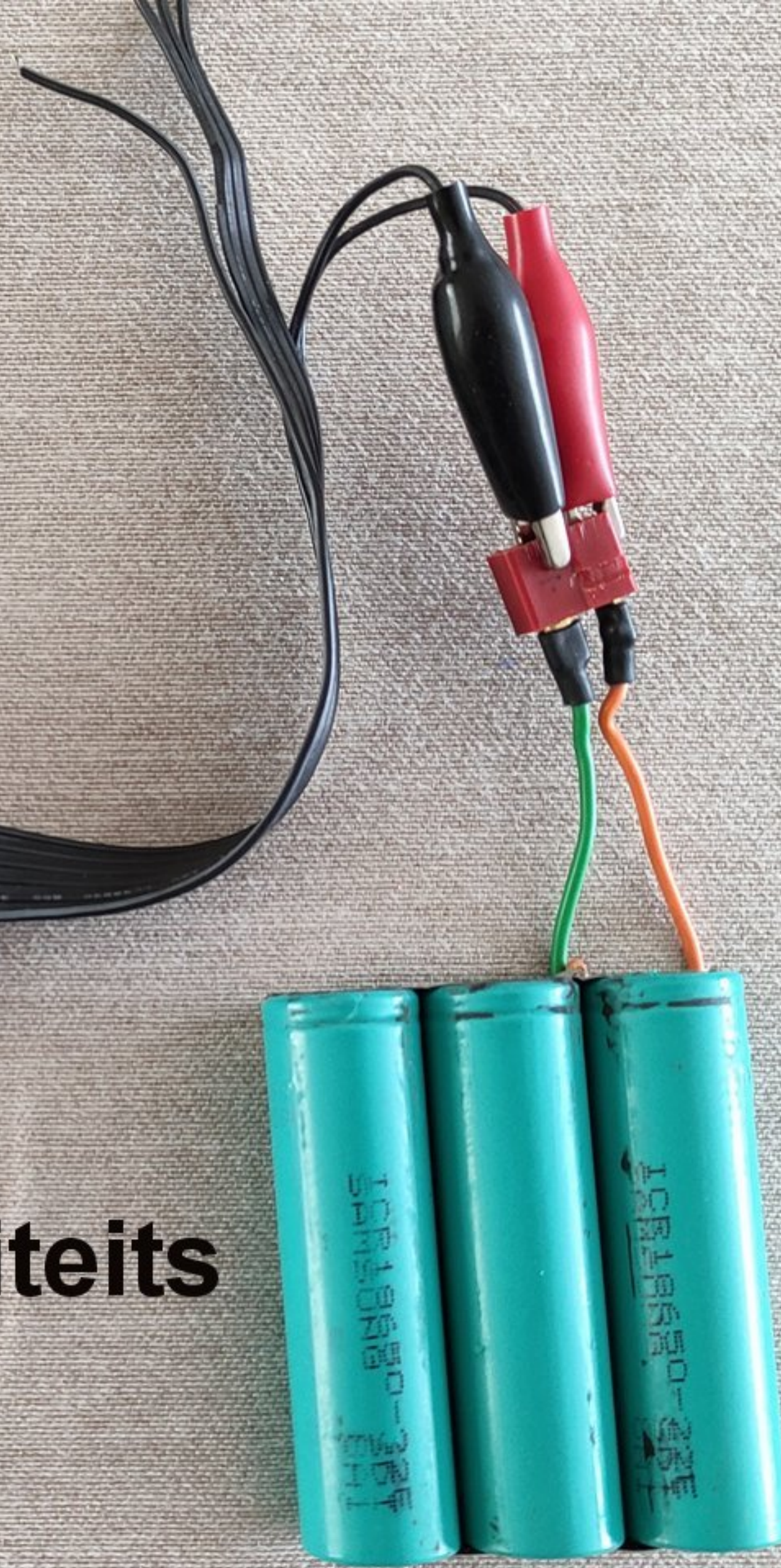


**Automatische 8-cel
Li-ion Voltmeter
tester met Alarm
Alle cellen testen**

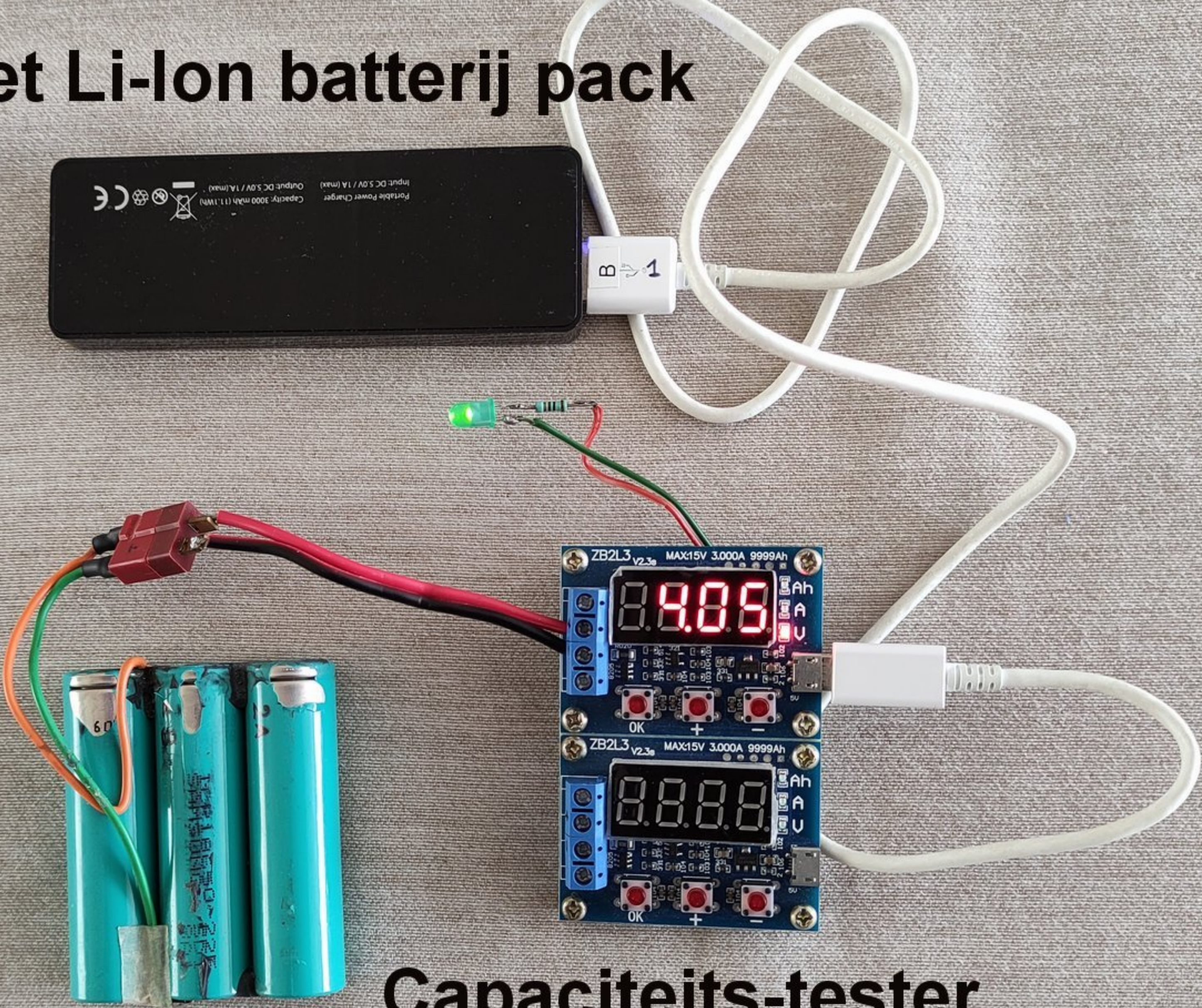
Types:
LiPo
LiFe
Li-Ion
NiMH
NiCd



**Li-ion Automatische capaciteits
tester voor max. 8 Cellen**

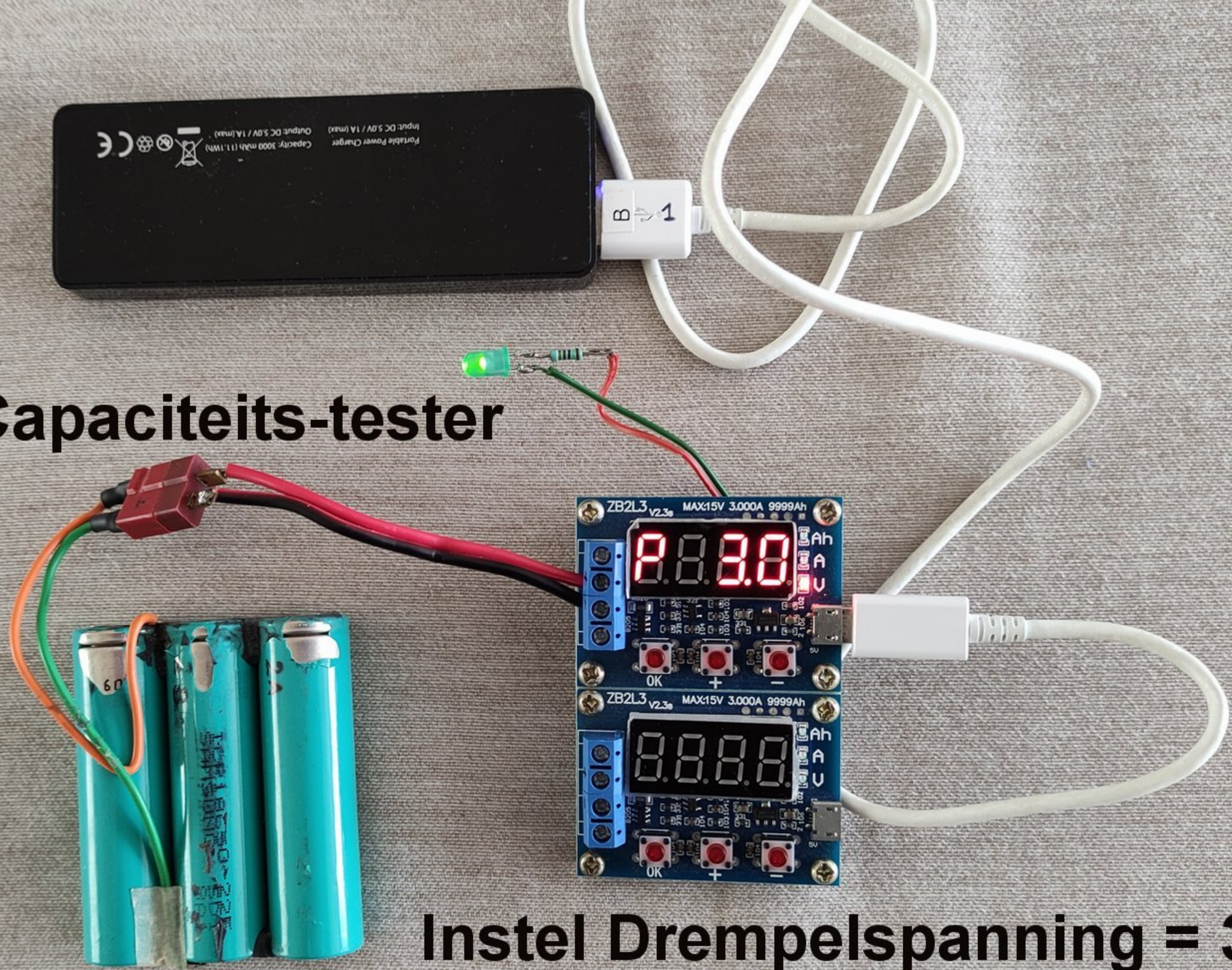


USB Voeding met Li-Ion batterij pack

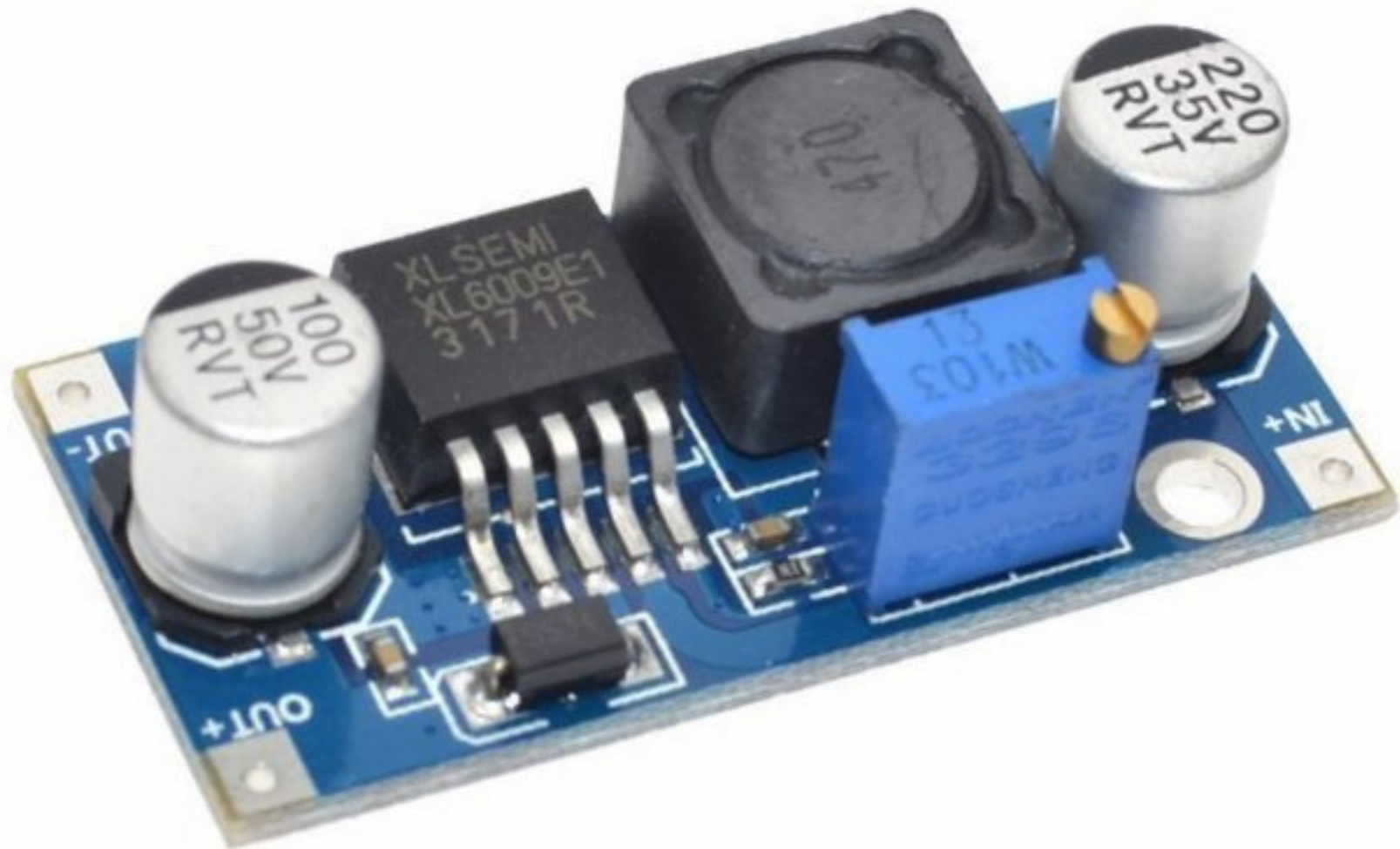


Capaciteits-tester
1cel-2cel-3cel

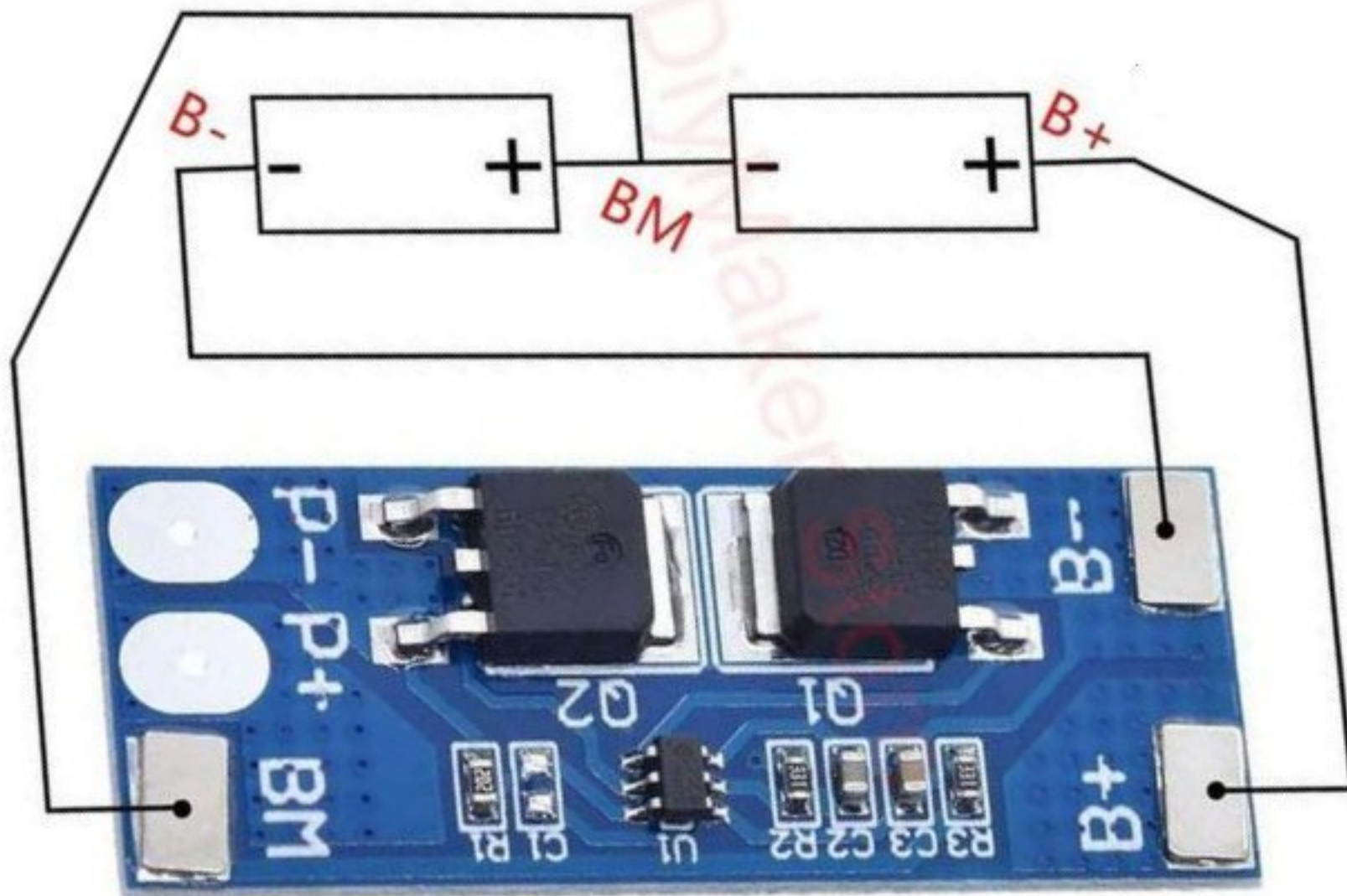
Capaciteits-tester



Instel Drempelspanning = 3.0 V



Li-ion DC-DC Booster 4A
In= 4,1V Out Regelbaar 3,8-36,8V



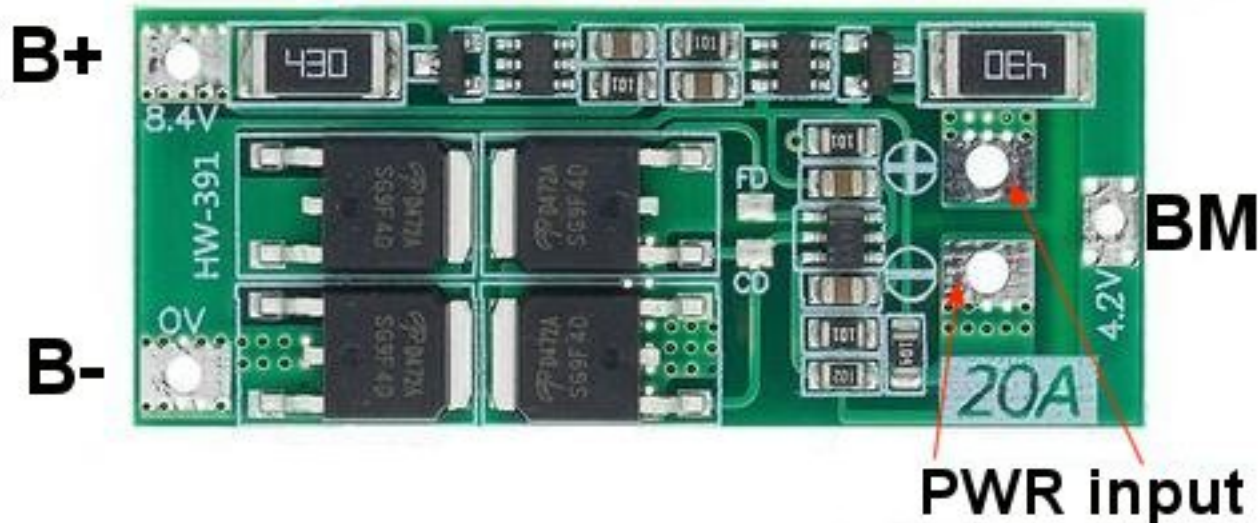
**Balanceerbord voor 2 Li-Ion cellen €1,83
van 4,2V in serie naar 8,4V 15A**

**Vervangt een batterij-pack van 6 Ni-MH cellen
naar 8,4V, Li-Ion - oplaadbaar met 5V boostermodule**

Standard version



Balance version



Balanceerbord voor 2 Li-Ion cellen €1,15
van 4,2V in serie naar 8,4V 20A
Vervang een batterij-pack van 6 Ni-MH
cellen naar 8,4V, Li-Ion oplaadbaar



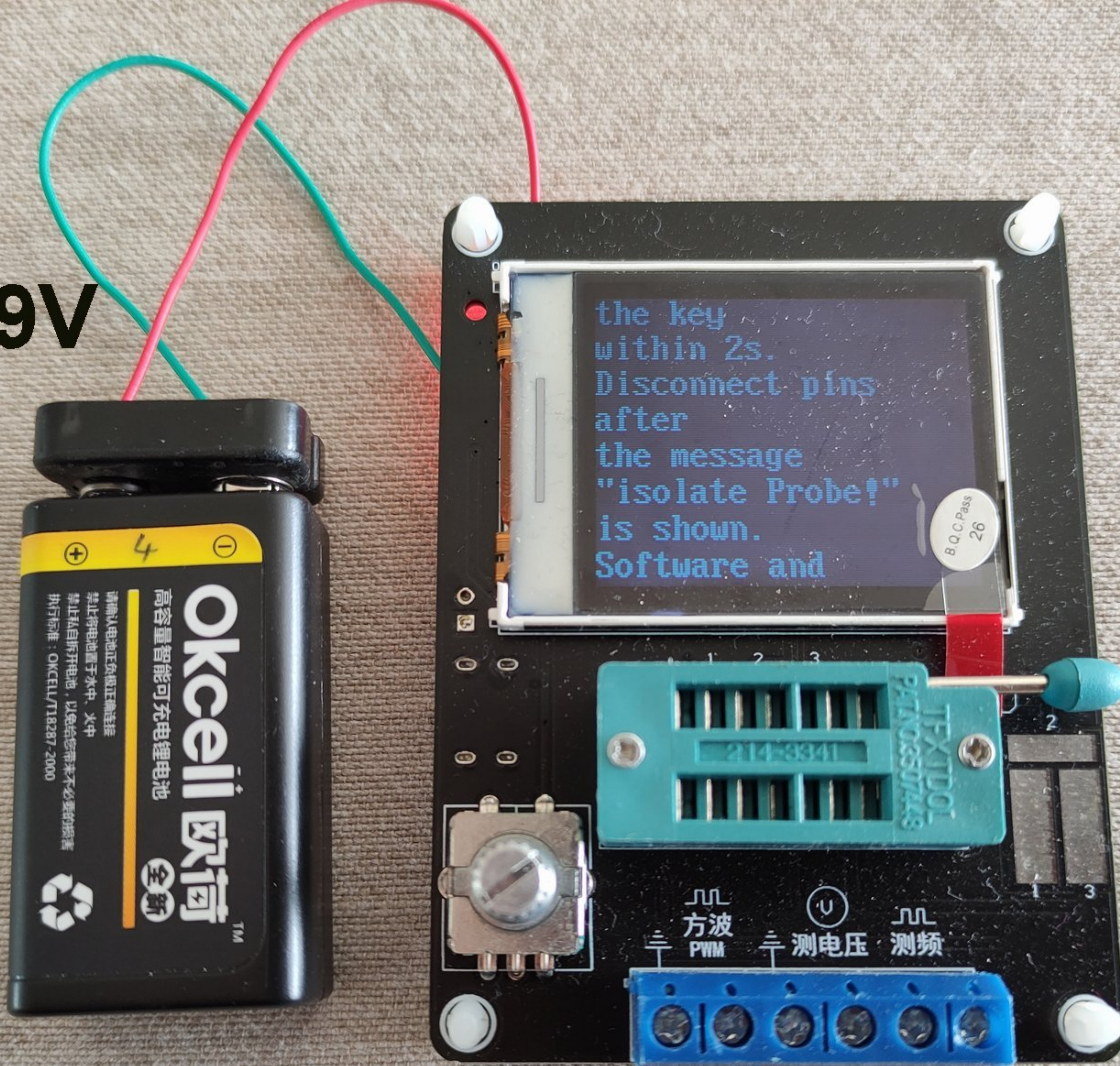
€ 9,90

**Lipo batt. Booster naar 9V 800mA
Met USB ingang voor opladen**

USB Lipo Batt 9V 800mA oplaadbaar
Altijd perfect 9V



**Li-ion 9V
Batt.**



Componenten Tester met 9V voeding

USB Oplader



**Li-ion Batt.
3.7 V!**

Component Tester



USB Externe Batt. Pack

USB Externe PWR

Volautomatische Li-ion Capaciteits-meter
Batterij ontladen en Capaciteit meten
Ook voor batterij-pack

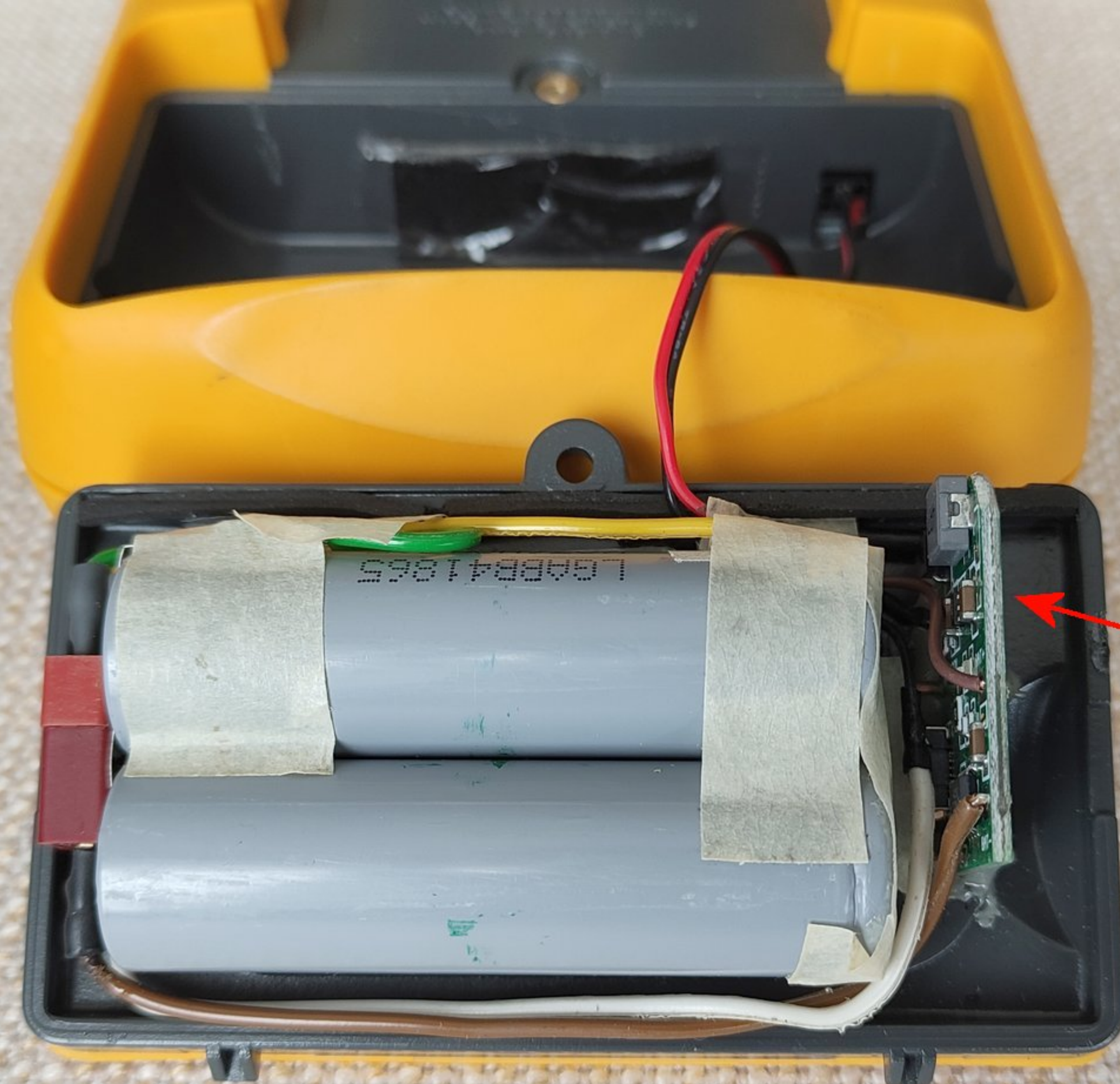


€ 9,35

**Volautomatische
Li-ion Capaciteits-meter
Batterij ontladen en opladen
en Capaciteit meten**



Fluke Ni-MH Batterij 4.8V



USB 5V Oplader
Output= 4.8V 1A

Dubbele Fluke Li-ion Batterij 4.6V

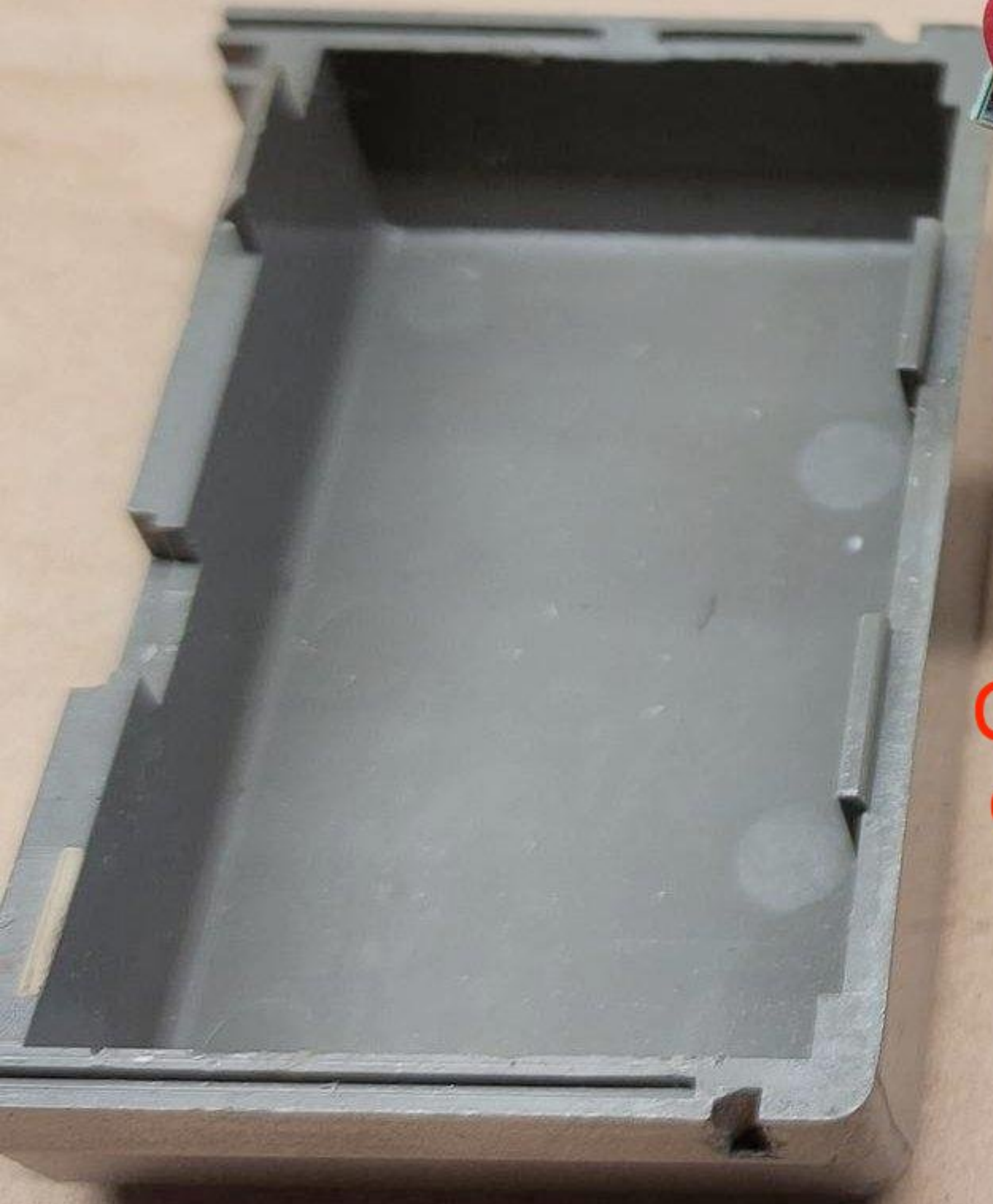
Balance Board 2-cel

8,4V charger Li-Ion



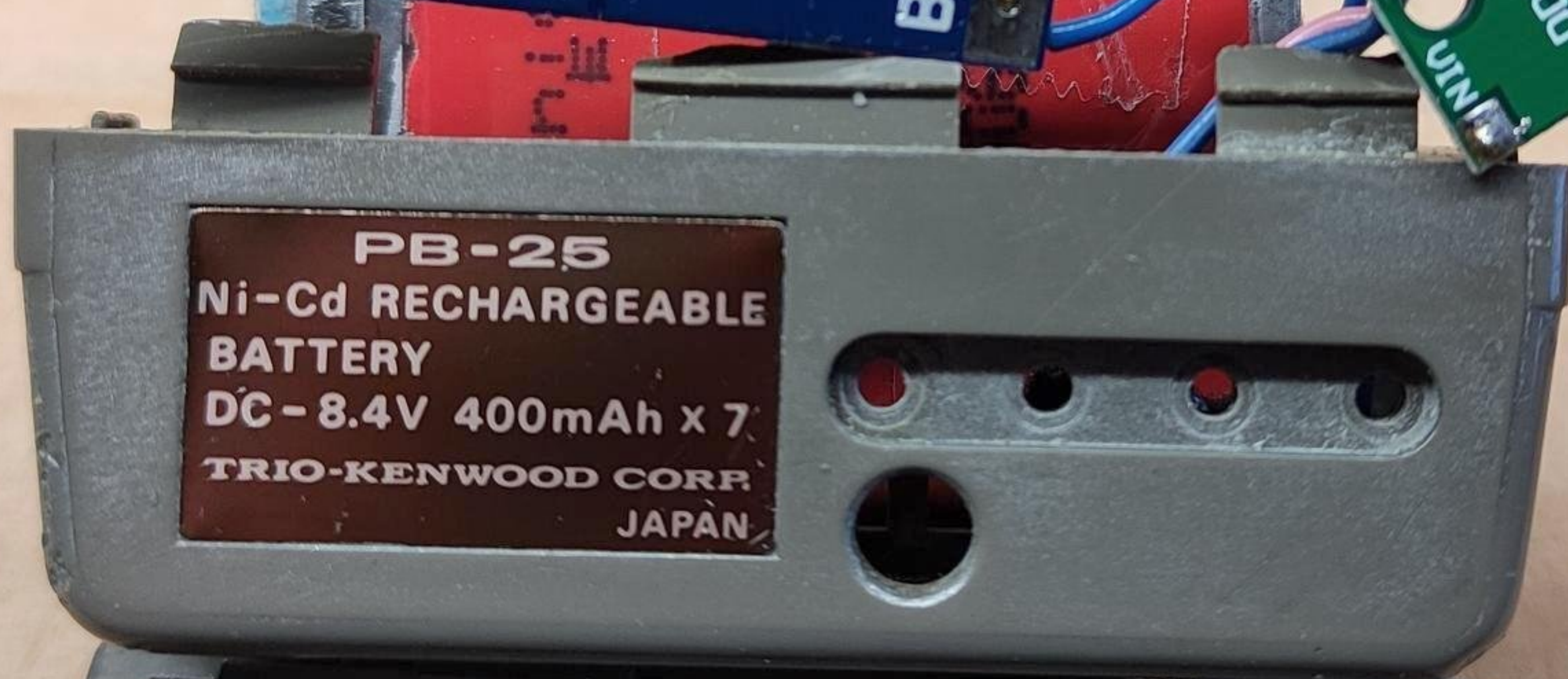
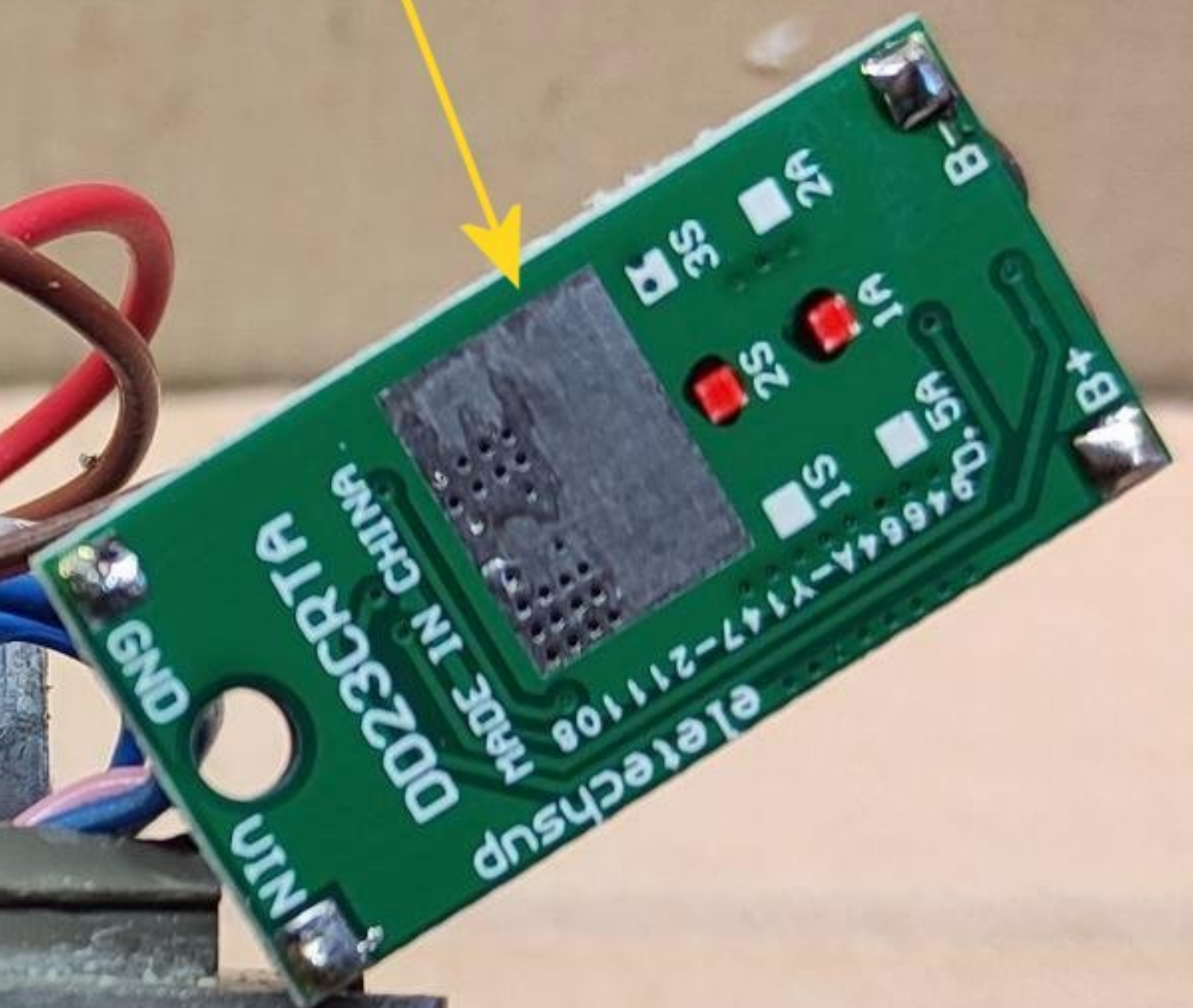
Charge-Jack
on backsite

2x Li-Ion cel Panasonic
= 8,4V



Balance-board
2-cel

Li-ion 2-cel
Charger 8,4 V



Charge-Jack

