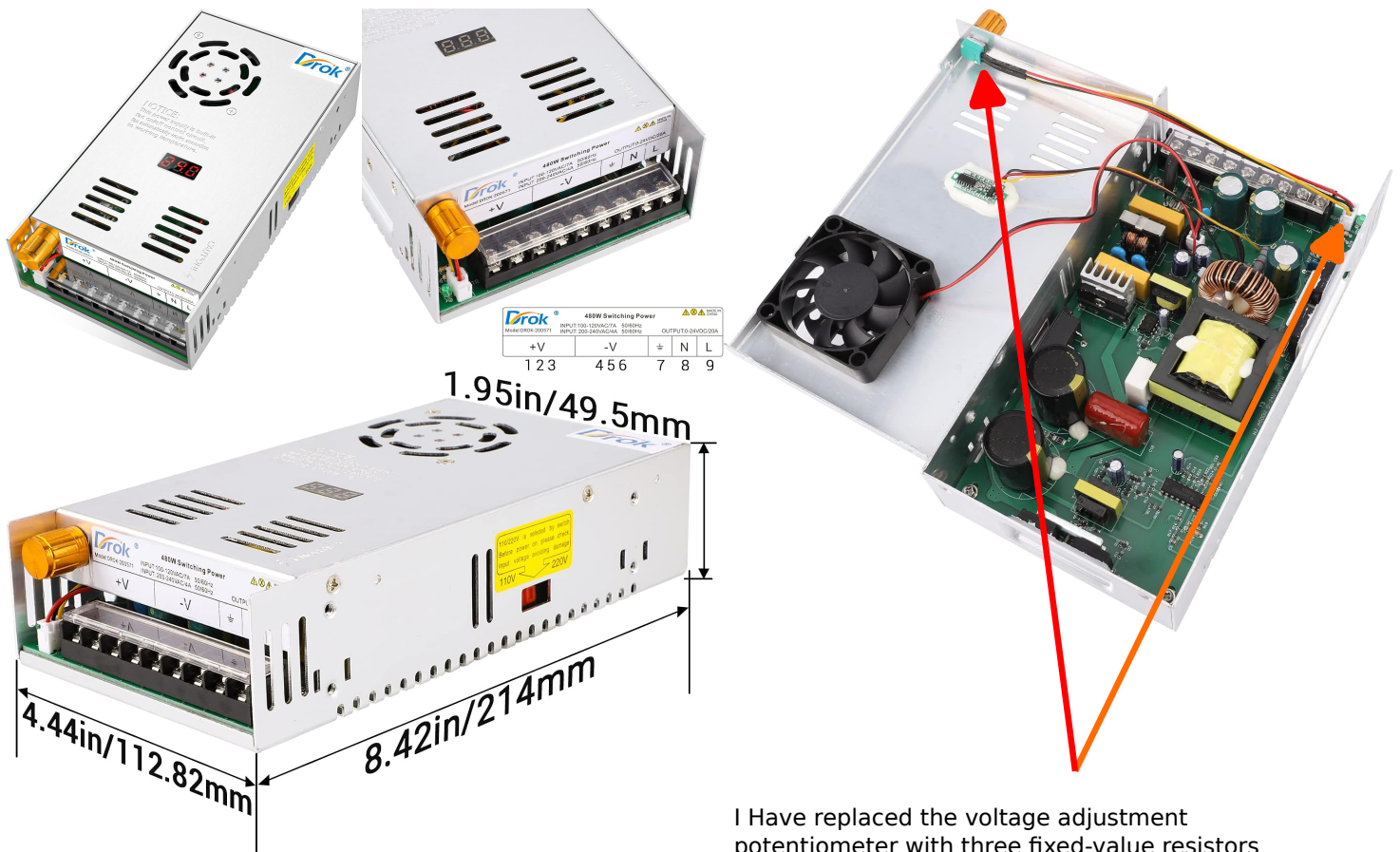


<https://www.amazon.com/dp/B08GFSVHLS>

## DROK Power Supply, AC 110V/220V to DC 0-24V 20A 480W Buck Converter



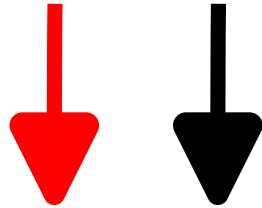
I have replaced the voltage adjustment potentiometer with three fixed-value resistors in order to fix the voltage to 16.1V for safe charging of VEX V5 Smart Batteries. If the power supply is replaced:

- Unplug the set of resistors from the 3-pin JST connector (orange arrow) on the old power supply
- Unplug and unscrew the potentiometer knob (red arrow) from the new power supply
- Insert the set of resistors (orange arrow) into the 3-pin JST connector of the new power supply

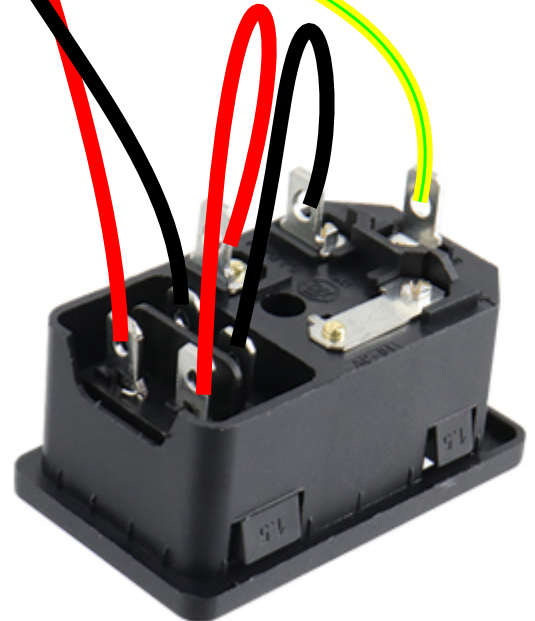
**WARNING: UNPLUG POWER SUPPLY AND LET SIT AT LEAST 5 MINUTES BEFORE SERVICING, THERE MAY BE RESIDUAL POWER IN CAPACITORS**



+V		-V			⊥	N	L
1	2 3	4	5 6	7	8	9	



To Battery  
Chargers



There is a 250V 10A Fuse in here if there is no light on the switch when it is plugged in and in the on (-) position you can use a screwdriver to remove the cover and check the fuse



Good Fuse:



Bad Fuse:

- Slightly Burned
- Broken Fuse Wire

