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r/SolarDIY



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r/SolarDIY • 2 yr. ago

hppav

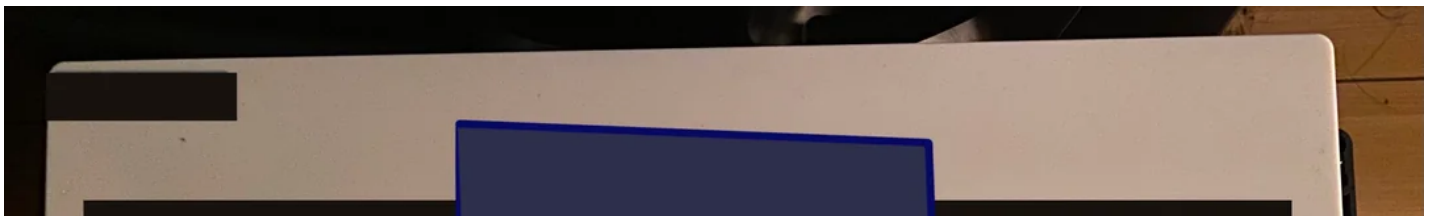


which is the best way to connect inverter to 2 batteries that are in parallel?

which is the best way? i will be connecting 2 batteries together in parallel and my question is how would i go about connecting my inverter to the batteries?

i will not be using solar panels to charge my batteries. i plan on using a 14.6v 20a battery charger from amazon and how would i connect that charger to these batteries as well?

thanks



11



16



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u/t ButchDeal • 2y ago

01 is the way, 02 is a mistake.

Connect the charge the same way as 01.

Those seem like pretty small batteries for an inverter, how large is the inverter?

Also do not forget to add fuses the the wires between inverter and battery.

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inverter is 2000w pure sine wave

batteries are 12v 190ah each.

do you know of a good tutorial on how to add fuses between inverter and battery?

thank you.

↑ 2 ↓ ○ Reply ...

⊕ 2 more replies



ButchDeal • 2y ago

So you are looking at about 170amps with 2kw at 12V

↑ 3 ↓ ○ Reply ...



bagtowneast • 2y ago

Legitimate question, not an argument.

Why is 02 a mistake? Aren't the two identical, electrically?

↑ 2 ↓ ○ Reply ...

⊕ 7 more replies



moeslund • 2y ago

Hi

Will has a lot of very good videos about solar and of grid solutions.

Check out some of his old videos, because recently he's been playing with some very expensive toys..

<https://www.youtube.com/@WillProwse>

↑ 2 ↓ ○ Reply ...



Geronimo6324 • 2y ago

With the wiring rated for the maximum amperage you will draw across all connections

E.g. $1000\text{watts}/12\text{v} = 83\text{ amps}$.

Then just one wire across all the negatives and across the positives. Battery outlet should be fused.

↑ 2 ↓ ○ Reply ...

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Can I connect an inverter to my 12v battery while my car is running?

3 upvotes · 11 comments

 r/SolarDIY • 22 days ago

2kw Solar Setup Not Generating Power



615 upvotes · 214 comments

 r/SolarDIY • 1 yr. ago

Is it ok to have two 100% independent inverter/battery systems connected to a property? Am i missing something?

4 upvotes · 21 comments

 r/solar • 1 yr. ago

Gridtie parallel inverters

2 upvotes · 20 comments

 r/SolarDIY • 5 mo. ago

Can I run a solar inverter in parallel with a power inverter?



1 upvote · 6 comments

 r/batteries • 2 mo. ago

Inverter Install - Batteries in Series

1 upvote · 2 comments

 r/batteries • 7 mo. ago

Is it possible to combine two separate battery banks through two separate inverters then into one single UPS?

1 upvote · 15 comments

 r/SolarDIY • 7 mo. ago

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Can I wire an odd number of batteries in parallel - series?

10 upvotes · 21 comments

 r/SolarDIY • 1 yr. ago

Will two bms' on parallel batteries split the inverter pull?

6 upvotes · 11 comments

 r/SolarDIY • 27 days ago

1 of 2 Ground Mounts

209 upvotes · 42 comments

 r/SolarDIY • 2 yr. ago

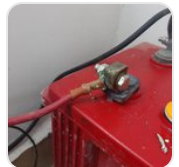
Connecting two identical power banks to one inverter.

5 upvotes · 19 comments

 r/batteries • 3 yr. ago

Can someone please tell me what is this blue stuff on my inverter battery's terminal ? Do i need to deal with it or leave it as it is ?

18 upvotes · 10 comments

 r/batteries • 4 days ago

Noob question here

5 upvotes · 18 comments

 r/AskElectronics • 2 yr. ago

This thing powers red green and blue leds and shifts between different color combinations every 4 seconds. 220V AC are connected where i marked it with the 2 red dots. what is...

4 upvotes · 11 comments

 r/SolarDIY • 2 yr. ago

Confused - Can I use battery power/inverter AND be tied in to the grid?

4 upvotes · 4 comments

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10 upvotes · 14 comments

 r/SolarDIY • 1 yr. ago**Q: Powering a 12V inverter with 2, 12V batteries in SERIES.....**

2 upvotes · 5 comments

 r/led • 2 yr. ago

Hey guys! I'm ordering this 30m LED strip for my gaming room, I don't think I'll use it all but it would nearly be as much! Is this safe to connect it all on to one plug? Or how can you d...

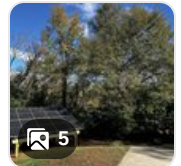
1 upvote · 8 comments

 r/led • 2 yr. ago**Question about power cord for powering 1000 leds**

1 upvote · 3 comments

 r/SolarDIY • 27 days ago**Anker Solix 15.2 kWh with 5900 watts of panels**

133 upvotes · 39 comments

 r/diypedals • 2 yr. ago

Not exactly a pedal, but this place is the most knowledgeable place that I am aware of on reddit about audio circuits. Am i about to fry something with this setup? total newb with the diagram.

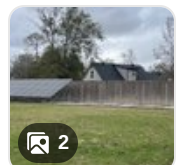
4 upvotes · 3 comments

 r/SolarDIY • 3 yr. ago**So I can just ignore "Load - DC output port" and connect the inverter directly to the battery, right?**

13 upvotes · 19 comments

 r/SolarUK • 1 yr. ago**Parallel inverters**

1 upvote · 5 comments

 r/SolarDIY • 23 days ago**Adding 56x panels to my system....**



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