

Solar Battery Backup: Small to Whole House

Small: Goal Zero Yeti 400

\$450

8 hours of landline & internet/cell phone support: get Alerts, call 911 and check email on your phone

— **you can add portable solar panels for longer support.**

— **adding portable solar panels for more hours: \$300-\$575+**

Medium: Goal Zero Yeti 1000

\$1,000

22 hours of landline & internet/cell phone support: get Alerts, call 911 and check email on your phone

— 22 hours could last 3+ days if you only used it while you slept so you could receive Alert calls & emails

— SCE PSPS Blackout predicted to be 3-5 days

— **you can add portable solar panels for possibly indefinite support**

(our numbers on this are not 100% fleshed out)

— **adding portable solar panels for more hours: \$300-\$575+**

Large: Goal Zero Yeti 3000

\$3,000

66 hours of landline & internet/cell phone support: get Alerts, call 911 and check email on your phone

— **you can add portable solar panels for potentially indefinite support.**

— **adding portable solar panels for more hours: \$300-\$575+**



Partial-Whole House: Tesla Powerwall

\$6,000 - \$13,000++ (after incentives)

CONTINUOUS POWER TO ESSENTIAL HOME CIRCUITS

OUR CHOICES

✓ Best: Tesla Powerwall

If your home is not in deep shade & it's in your budget (we decided it was more important than a new car or new un-cat-scratched sofas), then go for the Tesla Powerwall(s). Even though the Yeti 1000 or 3000 (with or without solar panels) have a lot of appeal (no permits and available within days), having your home circuits seamlessly backed up during a Blackout is a joy.

Second Choice: Yeti 1000

If you decide on a Yeti instead, the medium size Yeti 1000 is a good place to start, since you could add the solar panels later if wanted. If your house is shady (sun-challenged) the larger Yeti 3000 is pretty useful even without solar panels. The name indicates that it will last about 3 times as long as the Yeti 1000, or about 3 days of communications backup.


***NOTE:** after we researched, new products came out: in the \$3000+ category:*

<https://www.goalzero.com/>

 **To buy a Goal Zero Yeti**, we bought ours online from EarthTechProducts:

<https://www.earthtechproducts.com/>

They seemed to have the best prices at the time and they have free shipping and no sales tax.


 **To set up your Goal Zero Yeti**, (figuring out where to plug it into your communications equipment), you can contact fellow Topangan:

Scott King - Technical Consultant/Yeti Whisperer

jsk1.2007@gmail.com

310-486-1248

\$65 per hour, one hour minimum. We predict most installations will take about an hour.

 **To buy Tesla Powerwalls**, we had a Xero Solar rep come out and size our needs (based on our yearly power bill) and ended up with 2 Powerwalls (we already had solar panels). The delay was minimal since they had them in stock. We are very happy with it all.

Lee Rhoads - local Topangan & Xero Solar Rep

lee@xerosolar.com

(310) 487-5750