

## 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  
— PSPS predicted to be on the order of 3+ 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 Solution: Tesla**

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 investigated, new products came out in the \$3000+ category; go to Goal Zero:

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

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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 and handyman for hire:

**Scott King - Technical Consultant/Yeti Whisperer**

[jsk1.2007@gmail.com](mailto:jsk1.2007@gmail.com)

310-486-1248

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To buy large solar batteries, 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 & Solar Power Consultant**

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