

Which solar panels are the best for my home?

When choosing the best solar panels for your home, consider the following key factors: the type of solar panel, power output, efficiency, performance in warm climates, warranty, and price. Top brands like SunPower, REC, Panasonic, Maxeon, and Jinko Solar offer high-quality options. Your roof space, shading, and climate can also influence the best choice for your home.

Are SunPower solar panels reliable?

Sunpower panels are considered the most trusted brand in North America. They are popular and known for their reliability. See the detailed SunPower solar panels review.

Are solar panels a good investment for my home?

Solar panels can be a great long-term investment for your home. While they have a high upfront cost, they can lock in energy savings for years. However, if you plan on moving soon, solar panels might not be the best option.

How do I choose the best solar panels?

To choose the best solar panels, consider the five top brands: SunPower, REC, Panasonic, Maxeon, and Jinko Solar. These brands offer high-quality panels and strong warranties. Additionally, look for panels with high efficiency and performance ratings.

Are Home Depot solar panels good?

Though choices are limited, Home Depot has done a good job of curating a nice collection of higher-rated solar panels. So, although the solar panel selection is mostly relegated to portable or RV-type panels, at least they are from some of the better-known brands.

What is a good solar panel efficiency rating?

For example, say Panel A has an efficiency rating of 15% and Panel B has an efficiency rating of 20%. If both get exactly the same amount of sunlight in one day, Panel B will make more electricity because it converts more of that sunlight into power. Do shade and temperature affect solar panel efficiency?

Consultation: A company representative will conduct a virtual or in-person consultation to evaluate how suited your home is for solar power and which system will best fit your needs. Have your latest energy bill handy so ...

We reviewed solar panels for home from reputable solar panel companies like REC and SunPower. We also address key questions like are solar panels worth it.

In this article, we'll explore some of the best home battery storage products on the market today and what to look for in a battery storage system. To find a solution that best ...

Our top 5 best solar generators available to buy in 2023 cover a range of needs, from the full-blown daily home generator and reliable backup generator to the off-grid power supply, portable powerhouse, and pocket-size ...

The solar generators we like best are the Jackery Explorer 500, the Goal Zero Yeti 1400 Lithium, and Point Zero Energy Titan 1000. Whole-home batteries ("solar batteries") are what you need if you want backup power for your entire ...

How we evaluated the best solar inverters. Like any other type of solar equipment, not every solar inverter is right for every home. Solar is a site-specific and personalized decision process, and ...

The best portable solar generators are used to provide power for construction sites, campers, events, or other settings where access to electricity is limited. Backup solar generators provide backup power for when an ...

To find the best solar panels, we analyzed thousands of models from hundreds of manufacturers featured on the EnergySage Marketplace. We compared key factors like efficiency, power output, performance in warmer ...

Our favorite solar generator for emergency backup power is the EcoFlow Delta Pro. It combines a fast solar charge time with a generous 3.6 kWh capacity, can directly power your home's electrical panel, and supports ...

It's no surprise that the solar team has picked the REC Pure-RX 450 / 460-watt modules as our MVP for 2025. REC is a long-standing manufacturer in the "best of" lists and their inclusion as the overall winner for ...

The best rooftop solar panels have high efficiency ratings and great warranties. Take a look at CNET's expert picks for the best home solar panels.

With our calculator, you'll learn how many solar panels your home needs and how much power they will produce. We can then offer a meaningful price comparison between our network of over 300 pre-screened solar companies. We have ...

Thanks to numerous tests of a dozen solar-powered home security cameras, our CNET experts crowned Arlo's second-gen Essential cam the best pick overall for 2025. It offers stunning 2K resolution ...

Best Solar: Bluetti AC500 Power Station w/ B300K Expandable Battery; ... Some home solar power setups can be very complicated, but the AC500 is effectively plug and play. ...

Our expert and consumer reviews of the leading brands of residential solar panels show the best solar panels to suit your home in 2025 On this page: ... Trina Solar, Jinko Solar, GCL Group, Risen Energy. Their best ...

Best solar investments for your home. The ConsumerAffairs Research Team conducted an unbiased evaluation of top solar panel brands on the market. To pick the best, we looked for high...

Top 10 Solar Panels For Your Home. Here is our shortlist of the best quality and most reliable residential-size solar panels available based on company history, performance, warranty, and feedback from solar industry ...

According to the U.S. Energy Information Administration, average electricity prices in the U.S. have generally tracked inflation over the past few years, which means energy costs have increased by ...

SolarReviews" Pre-Screened Solar Pros. SolarReviews has a network of over 700 pre-screened solar pros who will provide an exact price for the system your home needs. They are among the highest-rated solar ...

Qcells: Best Overall Solar PanelSilfab Solar: Best Solar Panel WarrantyJinko Solar: Best Solar Panel PerformanceCanadian Solar: Best AvailabilityBest Solar Panel Runner-UpsCompare The Best Solar Panels of 20242024 Solar Panel TrendsWhat to Look For When Shopping For Solar PanelsWhy Choosing The Right Installer Matters More Than Choosing The Best Solar PanelQcells is one of the most popular names in residential solar, thanks to quality equipment and great pricing. SolarReviews researchshows that 66% of solar installers now offer Qcells panels, so there"s a good chance you could run into a quote for them.See more on solarreviews Estimated Reading Time: 12 mins #b_results li.b_ans.b_mop.b_mopb,#b_results li.b_ans.b_nonfirststopb{border-radius:6px;border:1px solid #ddd;margin-top:12px;margin-bottom:10px;padding:15px 19px 10px}#b_results li.b_ans.b_mop.b_mopb

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.qna-mf .rwrل_bchl:not(.rwrل_resetFont)
strong{background-color:rgba(16,110,190,.18)}.b_bullet>li{margin-left:15px;list-style-type:disc}.qna_algo
.qfavc
.b_imagePair{display:-webkit-box;display:-webkit-flex;display:-moz-flex;display:-ms-flexbox;display:flex;-w
ebkit-box-align:center;-ms-flex-align:center;align-items:center}.qna_algo .qfavc
.b_imagePair>div:last-child{min-width:0;display:flex}.qna_algo .qfavc
.cico{margin-right:6px;border-radius:0;flex-shrink:0}.qna_algo .qfavc
cite{white-space:nowrap;overflow:hidden;text-overflow:ellipsis}.qna_algo .qfavc.qsn
a{text-decoration:none}.qna_algo .qfavc.qsn .b_imagePair>div:last-child{display:block}.qna_algo .qfavc.qsn
.b_imagePair{padding-bottom:0}.qna_algo .qfavc.qsn .b_imagePair
.qna_fav{width:26px;height:26px;text-align:center;border:1px solid
#ecec;background-color:#f5f5f5;border-radius:6px;display:inline-flex;align-items:center;justify-content:cen
ter;margin-right:8px}.qna_algo .qfavc.qsn .b_imagePair .qna_fav .cico{margin-right:0}.qna_algo .qfavc.qsn
.sitename{display:block;font-size:14px;line-height:18px;color:#111;white-space:nowrap}.qna_algo .qfavc.qsn
```

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cite{color:#444;font-size:14px;line-height:20px}.qna_algo .b_algo.twsn
h2{line-height:26px;padding-top:5px}.qna_algo
.qfavc:hover+.b_algo.twsn{text-decoration:underline}.btm_sml
a{line-height:16px;border-bottom-left-radius:0;border-bottom-right-radius:0}.btm_sml{padding-bottom:10px
}.btm_sml .expansionDefaultText,.btm_sml
.expansionCustomizedText{display:inline-block;*display:inline;zoom:1}.expandChevronContainer{display:inline-block;*display:inline}.expandChevronContainer.hasExpandText{line-height:16px;vertical-align:middle}.
btm_sml .expandChevronContainer>{*margin-left:8px;display:inline-block;*display:inline}.btm_sml
.sw_plus,.btm_sml .sw_minus,.sml .sw_plus,.sml
.sw_minus{display:inline-block;text-decoration:none;margin:0 5px 1px 0}.b_tblWithExpansion
.btm_sml,.b_tblWithExpansion .sml{padding-bottom:10px}.b_relative .btm_sml,.b_relative
.sml{letter-spacing:2px} line{display:inline-block;margin-left:4px;*display:inline;zoom:1}.sml line
.sw_plus,.sml line .sw_minus{margin:0}.hidden_nostyle{padding:0 !important;margin:0
!important}.exp_slide{overflow:hidden;opacity:1;transition:height ease-in-out 350ms,opacity ease-in-out
350ms}.exp_slide.b_hide{display:block;opacity:0;height:0 !important;padding-top:0
!important;padding-bottom:0 !important;margin-top:0 !important;margin-bottom:0 !important;border-top:0
!important;border-bottom:0 !important}body.exp_scroll{transition:margintop ease-in-out 350ms}.b_ans
.btm_sml{border-top:1px solid #cdcdcd}#b_context .b_ans .btm_sml{border-top:1px solid
#ebebcb}.b_ans.b_topborder .btm_sml{border-top:0}#b_results>.b_ans .btm_sml a,#b_results>.b_ans
.btm_sml a:visited,#b_context>.b_ans .btm_sml a,#b_context>.b_ans .btm_sml
a:visited{color:#444}.b_ans.b_top .btm_sml a,.b_ans.b_top .btm_sml
a:hover{background-color:transparent}.b_ans.b_topborder .btm_sml
a{background-color:#f9f9f9}.b_ans.b_topborder .btm_sml a:hover{background-color:#eee}.b_dark
.b_ans.b_topborder .btm_sml a,.b_dark .b_ans.b_topborder .btm_sml
a:hover{background-color:#323130}.b_ans.b_top .btm_sml{padding-bottom:10px}.b_ans.b_top .btm_sml
a{margin-bottom:0}.b_ans.b_topborder .btm_sml{padding-bottom:0}.b_ans.b_topborder .sydwrap_wrapper
.btm_sml{padding-bottom:10px}.b_ans.b_topborder .btm_sml a{margin-bottom:-10px}.btm_sml
a{display:block}.b_ans .btm_sml a{line-height:40px;height:40px}.b_ans.b_topborder .btm_sml
a{line-height:48px;height:48px}.b_ans.b_topborder .btm_sml
.newexpcont{height:32px;line-height:32px}.b_sydConvMode .b_ans.b_topborder .btm_sml
.newexpcont{height:48px;line-height:32px}#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml .b_mopexpref,#b_results .b_ans.b_mop .btm_sml
.b_mopexpref{height:16px;line-height:16px;color:#001ba0}.b_ans.b_topborder .btm_sml
.b_segoeMDL2{font-family:"Segoe MDL2 Assets"}.btm_sml{position:relative}#b_context .b_ans .btm_sml
a{line-height:40px;height:40px}.b_top .sa_cpoc .b_expando .btm_sml
.expandChevronContainer>*,#b_context .b_ans .btm_sml
.expandChevronContainer>{*margin-top:15px;margin-right:0;position:absolute;right:0;top:0}.sa_cpoc
.b_expando .btm_sml{border-top:1px solid #bbb}#b_results .b_top .sa_cpoc .b_expando .btm_sml
.b_expDesk{text-align:left}#b_results .b_top .sa_cpoc .b_expando .btm_sml a{margin:0}#b_results .b_top
.sa_cpoc .b_expando .btm_sml .expansionCustomizedText{color:#444}.b_top .sml answer a,.b_top .btm_sml
a{background-color:#f9f9f9;margin:0 -19px -10px

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-19px;display:block;text-decoration:none;text-align:center}.b_top .sml answer
a{line-height:35px;outline:none}.b_top .btm_sml .leftAlign{text-align:left}.b_top .btm_sml
a{line-height:40px;height:40px;vertical-align:middle}.b_top .btm_sml{padding-bottom:0}.b_top .btm_sml
a:hover,.b_top .sml answer a:hover{background-color:#eee}.b_top .btm_sml a
.expansionDefaultText{display:none;text-align:center}.b_top .btm_sml a
.expansionCustomizedText{text-align:left;padding:0 0 0 0}
19px;display:inline-block;*display:inline;zoom:1}.b_top .btm_sml .expansionChevronDown,.b_top .btm_sml
.expansionChevronUp{background-repeat:no-repeat;height:9px;width:16px;display:inline-block;*display:inli
ne;zoom:1;background-position:0 0;margin:0 19px 0 12px}.b_top .btm_sml
.expandChevronContainer{line-height:40px;vertical-align:middle}.b_top .btm_sml
.expansionChevronDown.noExpandText,.b_top .btm_sml
.expansionChevronUp.noExpandText{margin:0}.b_top .btm_sml
.expansionChevronUp.hasExpandText,.b_top .btm_sml
.expansionChevronDown.hasExpandText{margin-bottom:0}#b_results>.b_top .btm_sml a,#b_results>.b_top
.btm_sml a:visited{color:#444}.e_mhdr .btm_sml a{padding:0;border-top:0;margin-top:10px}.b_top
.btm_sml
.expansionChevronUp{background-image:url(/rp/c4pKIVbt2KgY9wFQXYe8KqoHuzQ.png)}.b_top
.btm_sml
.expansionChevronDown{background-image:url(/rp/ak5A-kIzM-v9JjRbH7FaoGRYoEw.png)}.b_topborder
.hideExpText{visibility:hidden}.b_topborder
.exprefText{font-size:13px;line-height:32px;color:#666}.b_topborder evronContainerUp,.b_topborder
evronContainerDown{height:48px;width:48px;border-radius:24px;position:absolute}.b_topborder
evronContainerDown:hover{box-shadow:0 0 0 1px rgba(0,0,0,.05),0 2px 4px 1px
rgba(0,0,0,.18)}.b_topborder evronContainerDown,.b_topborder evronContainerDown:active{box-shadow:0
0 0 1px rgba(0,0,0,.05),0 2px 3px 0 rgba(0,0,0,.1)}.b_topborder evronContainerUp:hover{box-shadow:0 0 0
1px rgba(0,0,0,.05),0 -2px 4px 1px rgba(0,0,0,.18)}.b_topborder evronContainerUp,.b_topborder
evronContainerUp:active{box-shadow:0 0 0 1px rgba(0,0,0,.05),0 -2px 3px 0
rgba(0,0,0,.1)}.b_ans.b_topborder .btm_sml a:hover{background-color:#f9f9f9}.b_topborder
.b_expChevTOP{margin-left:44%;margin-top:-24px;display:-webkit-box;display:-moz-box;display:-ms-flexb
ox;display:-webkit-flex;display:flex}.b_topborder .b_expwide{margin-left:45%}.b_sydConvMode
.b_topborder .b_expwide{margin-left:50%}#b_content
#b_results>li.b_ans.b_top.b_topborder{margin-bottom:32px}#b_results .b_ans:not(.b_top):not(.b_topborder)
:not(.b_entityTP) .btm_sml,#b_results .b_ans.b_mop .btm_sml{border-top:0}#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml .b_mopexpref
.expansionDefaultText,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml
.b_mopexpref .expansionCustomizedText,#b_results .b_ans.b_mop .btm_sml .b_mopexpref
.expansionDefaultText,#b_results .b_ans.b_mop .btm_sml .b_mopexpref
.expansionCustomizedText{color:#001ba0}#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml .b_mopexpref .expandChevronContainer>* #b_results .b_ans.b_mop .btm_sml .b_mopexpref
.expandChevronContainer>{*margin-left:6px}#b_results .b_tophb
.b_tophb{padding-bottom:10px}#b_results .b_top .btm_sml

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.expandChevronContainer.hasExpandText{margin-top:-4px}#b_results .b_top .btm_sml
.b_expDesk{height:48px}#b_results .b_top .btm_sml .b_expDeskNoText{height:32px}#b_results
.b_ans.b_topborder .btm_sml .newexpcont{height:auto}#b_results .b_topborder
evronContainerDown: hover{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 2px 4px 1px rgba(0,0,0,.18)}#b_results
.b_topborder evronContainerDown,#b_results .b_topborder evronContainerDown:active{box-shadow:0 0 0 0
rgba(0,0,0,.05),0 2px 3px 0 rgba(0,0,0,.1)}#b_results .b_topborder evronContainerUp: hover{box-shadow:0 0
0 0 rgba(0,0,0,.05),0 -2px 4px 1px rgba(0,0,0,.18)}#b_results .b_topborder evronContainerUp,#b_results
.b_topborder evronContainerUp:active{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 -2px 3px 0
rgba(0,0,0,.1)}#b_results .b_top .btm_sml a .expansionCustomizedText{padding:0}#b_results .b_top
.btm_sml a .b_expcol{padding:0;color:transparent}#b_results .b_top .sydwrap_wrapper .btm_sml a
.b_expcol{color:#444}#b_results .b_topborder .b_expwide{margin-left:50%}#b_results .b_topborder
.b_expChevTOP{margin-left:50%}#b_results .b_top .btm_sml.b_expV3,#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml.b_expV3{display:flex;align-items:center;justify-content:center}#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3{padding-bottom:0}#b_results
.b_top .btm_sml.b_expV3 a,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml.b_expV3 a{box-shadow:0 2px 3px 0 #000;box-shadow:0 2px 3px 0 rgba(0,0,0,.1);border:1px solid
#ddd;color:#666;height:40px;line-height:40px;border-radius:20px;padding-left:20px;padding-right:20px;back
ground-color:#fff;margin-bottom:-30px}#b_results .b_top .btm_sml.b_expV3 a svg,#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3 a svg{padding-left:10px}#b_results
.b_top .btm_sml.b_expV3 a: hover,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml.b_expV3 a: hover{box-shadow:0 2px 4px 1px #000;box-shadow:0 2px 4px 1px
rgba(0,0,0,.14);border:1px solid #ccc;color:#111}#b_results .b_top.b_tophb .btm_sml.b_expV3
a{margin-bottom:-35px}.btm_sml evronUp:after,.btm_sml evronDown:after{position:relative}.btm_sml
evronUp,.btm_sml evronDown{overflow:hidden;height:9px;line-height:9px;width:16px}.b_ans.b_topborder
.btm_sml evronUp,.b_ans.b_topborder .btm_sml
evronDown{height:40px;width:40px;line-height:40px;margin-left:-20px}.b_ans.b_topborder .btm_sml
.rotatePng{transform:rotate(180deg)}@media screen and (forced-colors:active){.btm_sml
evronDown,.btm_sml evronUp{border:1px solid WindowText}}#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml .b_mopexpref evronUp:after,#b_results
.b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml .b_mopexpref evronDown:after,#b_results
.b_ans.b_mop .btm_sml .b_mopexpref evronUp:after,#b_results .b_ans.b_mop .btm_sml .b_mopexpref
evronDown:after{right:18px;top:1px}#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP)
.btm_sml .b_mopexpref evronUp,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml
.b_mopexpref evronDown,#b_results .b_ans.b_mop .btm_sml .b_mopexpref evronUp,#b_results
.b_ans.b_mop .btm_sml .b_mopexpref evronDown{height:16px;line-height:16px}.btm_sml
evronUp:after,.btm_sml
evronDown:after{content:url(/rp/c4pKIVbt2KgY9wFQXYe8KqoHuzQ.png)}.b_dark .btm_sml
evronUp:after,.b_dark .btm_sml
evronDown:after{content:url(/rp/9Ud_V93aDenyZMSC9CxGRlqze1E.png)}.b_ans.b_topborder .btm_sml
evronUp:after,.b_ans.b_topborder .btm_sml

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evronDown:after{content:url(/rp/vaDc1kEEQhF2PZFxV4C0pgDT_EU.png)}.btm_sml
evronDown:after{content:url(/rp/ak5A-kIzM-v9JjRbH7FaoGRYoEw.png)}.b_dark .btm_sml
evronDown:after{content:url(/rp/2PZ4FQm36a6t6vUwUOgiPJbWIk8.png)}.expansionAccessibilityText {
display: none; }@media(forced-colors:active){div.sml>a>img.ciplr{filter:brightness(50%) contrast(20%)
grayscale(100%) saturate(0%)
hue-rotate(0deg)}}#b_results>li.b_ans.b_topborder{margin-bottom:19px;position:relative}#fbtop{position:ab
solute;bottom:-19px;right:19px}#fbtop
*{padding:0}#fbtop>div>a,#fbtop>div>a:visited{color:#767676}#fbtopi{height:12px;margin:0 4px -3px
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