

Discover the best solar panels for your home with this comprehensive guide covering top brands, efficiency, durability, and costs.

How many solar panels do I need? Use our 2025 calculator to size your system by home size, kWh usage, and location. Get panel count, roof space, and kW--free from SolarTech.

Your Home'S Electricity UsageSolar Panel SizeSolar Panel WattageProduction RatiosSunlight and Climate in Your AreaThe climate in your region has a major impact on how many hours of sunlightand energy your solar panels produce. Plus, you'll need more solar panels in areas that lack consistent and bright sunlight. In Hawaii, for example, you can get away with installing fewer panels on the roof than you would on a home in New England with the sun largely limited...See more on forbes

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#b_results li.b_ans.b_mop.b_mopb,#b_results
li.b_ans.b_nonfirststopb{border-radius:6px;box-shadow:0 0 0 1px
rgba(0,0,0,.05);margin-top:12px;margin-bottom:10px;padding:15px 19px 10px}#b_results
li.b_ans.b_mop.b_mopb .b_sideBleed{margin-left:-19px;margin-right:-19px}.b_ans
.b_mrs{width:648px;contain-intrinsic-size:648px
296px;display:flex;flex-direction:column;align-items:flex-start;gap:var(--smtc-gap-between-content-medium);
align-self:stretch;padding:var(--smtc-gap-between-content-medium) 0}.b_ans #b_mrs_DynamicMRS
h2{display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:1;line-clamp:1;align-self:stretch;overfl
ow:hidden;color:var(--smtc-foreground-content-neutral-secondary);text-overflow:ellipsis;font:var(--bing-smtc
-text-global-subtitle1)}#b_results #b_mrs_DynamicMRS .b_vList
li{width:320px!important;padding-bottom:0;display:inline-block}#b_mrs_DynamicMRS .b_vList
li:not(:nth-last-child(1)):not(:nth-last-child(2)){margin-bottom:var(--smtc-gap-between-content-x-small)}#b_
mrs_DynamicMRS .b_vList
li:nth-child(odd){margin-right:var(--smtc-gap-between-content-x-small)}#b_mrs_DynamicMRS .b_vList li
a{display:flex;height:48px;padding:0
var(--mai-smtc-padding-card-default);align-items:center;gap:var(--smtc-gap-between-content-small);flex-shri
nk:0;border-radius:var(--smtc-corner-circular);background:var(--bing-smtc-data-background-gray-subtle);colo
r:var(--smtc-foreground-content-neutral-primary);transition:background-color
var(--smtc-duration-medium-01) var(--bing-smtc-animation-ease-default)}#b_mrs_DynamicMRS .b_vList li
a:hover{background:var(--bing-smtc-background-ctrl-subtle-pressed)}#b_mrs_DynamicMRS .b_vList li a
.b_dynamicMrsSuggestionIcon{display:block;width:20px;height:20px;background-clip:content-box;overflow:
hidden;box-sizing:border-box;padding:var(--smtc-padding-ctrl-text-side);direction:ltr}#b_mrs_DynamicMRS
.b_vList li a .b_dynamicMrsSuggestionIcon:after{display:inline-block;transform-origin:-762px
-40px;transform:scale(.5)}#b_mrs_DynamicMRS .b_vList a
.b_dynamicMrsSuggestionText{font:var(--bing-smtc-text-global-body2);display:-webkit-box;text-align:left;-
webkit-box-orient:vertical;-webkit-line-clamp:2;line-clamp:2;overflow-wrap:break-word;overflow:hidden;flex
:1}#b_mrs_DynamicMRS .b_vList a .b_belowBOPAdsMrsSuggestionText

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strong{font:var(--bing-smtc-text-global-caption1-strong)}#b_mrs_DynamicMRS .b_vList li a
.b_dynamicMrsSuggestionIcon:after{content:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png)}Searches you
might likesolar panels for salesolar panels for homesolar panels systemphotovoltaic panels.rcimgcol .cico {
background: #f5f5f5; } .b_drk .rcimgcol .cico, .b_dark .rcimgcol .cico { background: unset; }.b_imgSet
.b_hList li.square_m,.b_imgSet .b_hList li.tall_m{width:75px}.b_imgSet .b_hList
li.tall_mlb{width:113px}.b_imgSet .b_hList li.tall_mln{width:96px}.b_imgSet .b_hList
li.wide_m{width:128px}.b_imgSet.b_Card .b_hList li{padding-left:1px;padding-right:9px}.b_imgSet.b_Card
.b_hList li.tall_wfn{width:80px;padding-right:6px}.b_imgSet.b_Card .b_hList
li:last-child{padding-right:1px}.b_imgSet.b_Card .b_imgSetData{padding:0 8px
8px;height:40px}.b_imgSet.b_Card .b_imgSetItem{box-shadow:0 0 0 1px rgba(0,0,0,.05),0 2px 3px 0
rgba(0,0,0,.1);border-radius:6px;overflow:hidden}.b_imgSet .b_imgSetData p
a{color:#444;outline-offset:0}.b_subModule .b_clearfix.b_mhdr .b_floatR .b_moreLink,.b_subModule
.b_clearfix.b_mhdr .b_floatR
.b_moreLink:visited,.b_subModule>.b_moreLink,.b_subModule>.b_moreLink:visited{color:#767676}.b_img
Set
.cico.b_placeholder{display:flex;justify-content:center;background-color:#f5f5f5;background-clip:content-bo
x}.b_imgSet .cico.b_placeholder a{display:flex}.b_imgSet .cico.b_placeholder a
img{width:48px;height:48px;margin:auto}@media(max-width:1362.9px){#b_context .b_entityTP .b_imgSet
li:nth-child(5){display:none}.b_imgSet .b_hList
li.wide_m:nth-child(3){display:none}@media(max-width:1274.9px){#b_context .b_entityTP .b_imgSet
li:nth-child(4){display:none}.b_imgSet .b_hList li.wide_m:nth-child(2){display:none}}.rcimgcol
.b_imgSet{content-visibility:auto;contain-intrinsic-size:1px
124px}.rcimgcol{height:108px;padding-top:var(--smtc-gap-between-content-x-small);padding-bottom:var(--s
mtc-gap-between-content-x-small)}.b_algo:has(.b_agh)
.rcimgcol{padding-top:var(--smtc-gap-between-content-xx-small)}.rcimgcol
.b_imgSet{overflow:hidden}.rcimgcol .b_imgSet
ul{overflow-x:auto;overflow-y:hidden;white-space:nowrap;padding-left:0}.rcimgcol .b_imgSet
ul::-webkit-scrollbar{-webkit-appearance:none}.rcimgcol .b_imgSet
.b_hList>li{padding-right:var(--smtc-padding-ctrl-text-side)}.rcimgcol .b_imgSet
.cico{border-radius:unset}.rcimgcol .b_imgSet .b_hList>li:first-child .cico,.rcimgcol .b_imgSet
.b_hList>li:first-child .cico
a{border-radius:unset;border-top-left-radius:var(--mai-smtc-corner-card-default);border-bottom-left-radius:var
(--mai-smtc-corner-card-default);overflow:hidden}.rcimgcol .b_imgSet .b_hList>li:last-child .cico,.rcimgcol
.b_imgSet .b_hList>li:last-child .cico
a{border-radius:unset;border-top-right-radius:var(--mai-smtc-corner-card-default);border-bottom-right-radius:
var(--mai-smtc-corner-card-default);overflow:hidden}.rcimgcol .rcimgcol
.b_sideBleed{margin-left:unset;margin-right:unset}.rcimgcol .b_imgclgovr{cursor:pointer}.rcimgcol
.b_imgclgovr .cico img:hover{transform:scale(1.05);transition:transform .5s ease}#b_content
#b_results>.b_algo
.b_caption:has(.rcimgcol){padding-right:var(--mai-smtc-padding-card-default);margin-right:calc(-1*var(--mai
-smtc-padding-card-default));margin-left:calc(-1*var(--mai-smtc-padding-card-default));padding-left:var(--ma

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i-smtc-padding-card-default)}.rcimgcol .b_imgSet .b_hList .cico a{display:flex;outline-offset:-2px}.rcimgcol
.b_hList>li{position:relative;padding-bottom:0}.rcimgcol .b_hList>li
.iacf_smol{pointer-events:none;border-top-right-radius:var(--mai-smtc-corner-card-default);border-bottom-rig
ht-radius:var(--mai-smtc-corner-card-default);white-space:normal}.rcimgcol .b_hList
.cico{margin-bottom:0}.iacf_smol{display:flex;justify-content:center;align-items:center;gap:var(--smtc-gap-b
etween-content-xx-small);width:100%;height:100%;background:rgba(0,0,0,.6);position:absolute;left:0;top:0;c
olor:var(--mai-smtc-foreground-ctrl-on-image-rest);font:var(--bing-smtc-text-global-body2-strong);flex-wrap:
wrap;align-content:center;text-align:center}.iacf_smol:hover{text-decoration:underline}.iacfmit[data-nohov]
.iacfimgc .cico
img{transform:none}a.b_aatlink{text-decoration:none}.b_algoArticleTextCarousel{margin-left:0;margin-rig
ht:0;padding-bottom:var(--smtc-gap-between-content-x-small)}.b_algoArticleTextCarousel .b_slidebar
.slide{border-radius:var(--mai-smtc-corner-card-default)}.b_algoArticleTextCarousel
.b_insideSlide{padding:var(--mai-smtc-padding-card-default);height:200px;width:200px;border-radius:var(--
mai-smtc-corner-card-default);border:1px solid
var(--smtc-stroke-ctrl-on-neutral-rest);box-sizing:border-box;background:var(--smtc-background-card-on-pri
mary-default-rest)}.b_algoArticleTextCarousel
.b_insideSlide:hover{background:var(--smtc-background-card-on-primary-default-hover)}.b_algoArticleText
Carousel
.b_insideSlide:active{background:var(--smtc-background-card-on-primary-default-pressed)}.b_algoArticleTe
xtCarousel .b_insideSlide
.b_title{font:var(--bing-smtc-text-global-body3-strong);color:var(--smtc-foreground-content-neutral-secondar
y);display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:2;overflow:hidden;text-overflow:ellipsi
s}.b_algoArticleTextCarousel .b_insideSlide
.b_text{margin-top:var(--smtc-gap-between-content-x-small);color:var(--smtc-foreground-content-neutral-sec
ondary);font:var(--bing-smtc-text-global-body3);display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-
clamp:5;overflow:hidden;text-overflow:ellipsis}.b_acf_crsl .slide.b_crslitm>*:last-child,.b_acf_crsl
.b_slideexp,#b_topw .b_wpt_container .b_slidesContainer:has(.b_acf_crsl)
.b_slidesContainer{margin-bottom:unset}#b_topw .b_wpt_container:has(.b_acf_crsl)
.b_viewport{padding:unset}#b_topw .b_wpt_container
.b_wpt_bl:has(.b_acf_crsl){overflow:visible}.b_acf_crsl .b_slidesContainer
.slide.b_crslitm{overflow:unset}.b_acf_crsl .btn.next .bg,.b_acf_crsl .btn.prev
.bg{background:unset}.b_acf_crsl.hovexp.hovexpfix .btn.next .bg,.b_acf_crsl.hovexp.hovexpfix .btn.prev
.bg{height:calc(100% - 12px)}.b_acf_crsl.hovexpfix .b_slidesContainer,.b_acf_crsl.hovexpfix
.b_viewport,.b_acf_crsl.hovexpfix .b_slidebar{height:unset!important}#b_topw .b_wpt_container .b_acf_crsl
.btn.bld.next,#b_topw .b_wpt_container .b_acf_crsl .btn.bld.prev,.b_acf_crsl .btn.next,.b_acf_crsl
.btn.prev{z-index:5}.b_acf_crsl.b_fadebg .btn.next
.bg{background:linear-gradient(90deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)}b_acf_crsl.b_fadebg .btn.prev
.bg{background:linear-gradient(270deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)}b_dark .b_acf_crsl .b_slidebar
.slide{background-color:unset}[dir="rtl"] .b_acf_crsl.b_fadebg .btn.next

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```
.bg{background:linear-gradient(270deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)}[dir="rtl"] .b_acf_crsl.b_fadebg .btn.prev
.bg{background:linear-gradient(90deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)} .b_acf_crsl.hovexp .leftmost .b_overlay
.b_viewport,.b_acf_crsl.hovexp .leftrightmost .b_overlay .b_viewport,.b_acf_crsl.hovexp .b_overlay
.b_viewport{padding-left:var(--smtc-gap-between-content-x-large)!important;margin-left:calc(var(--smtc-gap-
between-content-x-large)*-1)!important}.b_acf_crsl.hovexp .middle .b_overlay
.b_viewport,.b_acf_crsl.hovexp .rightmost .b_overlay
.b_viewport{padding-left:unset!important;margin-left:unset!important}.b_colg_4xs
.slide{margin-inline-end:var(--smtc-padding-ctrl-text-side)!important}.b_rowg_4xs
.slide>{*margin-bottom:var(--smtc-padding-ctrl-text-side)!important}.b_colg_3xs
.slide{margin-inline-end:var(--smtc-padding-ctrl-sm-text-top)!important}.b_rowg_3xs
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.slide{margin-inline-end:var(--smtc-gap-between-content-xx-small)!important}.b_rowg_2xs
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.slide{margin-inline-end:var(--smtc-gap-between-content-x-small)!important}.b_rowg_xs
.slide>{*margin-bottom:var(--smtc-gap-between-content-x-small)!important}.b_colg_s
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.slide>{*margin-bottom:var(--smtc-gap-between-content-small)!important}.b_colg_m
.slide{margin-inline-end:var(--smtc-gap-between-content-medium)!important}.b_rowg_m
.slide>{*margin-bottom:var(--smtc-gap-between-content-medium)!important}.b_colg_l
.slide{margin-inline-end:var(--mai-smtc-padding-card-default)!important}.b_rowg_l
.slide>{*margin-bottom:var(--mai-smtc-padding-card-default)!important}.b_colg_xl
.slide{margin-inline-end:var(--smtc-gap-between-content-x-large)!important}.b_rowg_xl
.slide>{*margin-bottom:var(--smtc-gap-between-content-x-large)!important}.b_colg_2xl
.slide{margin-inline-end:var(--smtc-gap-between-content-xx-large)!important}.b_rowg_2xl
.slide>{*margin-bottom:var(--smtc-gap-between-content-xx-large)!important}.b_colg_3xl
.slide{margin-inline-end:var(--smtc-padding-content-xx-large)!important}.b_rowg_3xl
.slide>{*margin-bottom:var(--smtc-padding-content-xx-large)!important}.b_colg_4xl
.slide{margin-inline-end:var(--smtc-padding-content-xxx-large)!important}.b_rowg_4xl
.slide>{*margin-bottom:var(--smtc-padding-content-xxx-large)!important}.b_acf_card{box-sizing:border-box
;border-radius:var(--mai-smtc-corner-card-default);-webkit-user-select:none;user-select:none;position:relative;
width:100%;height:100%}.b_acf_card.b_acf_bckgnd{background:var(--bing-smtc-background-card-on-primar
y-alt-rest)}.b_acf_card_link{border-radius:var(--mai-smtc-corner-card-default);outline-offset:-1px;position:a
bsolute;width:100%;height:100%}.b_acf_card_link:hover{text-decoration:unset}.acf_col1_4{width:140px}.a
cf_col1_6{width:160px}@media(forced-colors:active){.b_acf_card_link{background-color:unset}.b_acf_car
d[link]
.acf_t_c_title{color:LinkText!important}}.acf_col1{width:88px}.acf_col2{width:200px}.acf_col3{width:312
px}.acf_col4{width:424px}.acf_col5{width:536px}.acf_col6{width:648px}.acf_col7{width:760px}.acf_col8
{width:872px}.acf_col9{width:984px}.acf_col10{width:1096px}.acf_col11{width:1208px}.acf_col12{width:
1320px}.acf_row1{height:88px}.acf_row2{height:200px}.acf_row3{height:312px}.acf_row4{height:424px}.
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.acf_row5{height:536px}.acf_row6{height:648px}.acf_row7{height:760px}.acf_row8{height:872px}.acf_row
9{height:984px}.acf_row10{height:1096px}.acf_row11{height:1208px}.acf_row12{height:1320px}.b_overla
y .acfdefaultchev.btn.next{right:0!important}.b_overlay .acfdefaultchev.btn.prev{left:0!important}.b_overlay
.acfdefaultchev.btn.hover .bg{opacity:unset;filter:unset}.b_overlay .acfdefaultchev.btn.disabled,.b_overlay
.acfdefaultchev.btn.hidden{display:none}.b_overlay .acfdefaultchev.btn{width:48px}.b_overlay
.acfdefaultchev.btn .bg{opacity:unset}.b_overlay .acfdefaultchev.btn.prev .cr{left:0}.b_overlay
.acfdefaultchev.btn.next .cr{right:0}.acfdefaultchev
.cr{display:flex;justify-content:center;align-items:center;flex:1 0
0;align-self:stretch;width:36px;height:48px;position:absolute;margin:unset;opacity:unset;transition:unset;bord
er-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-smtc-background-container);box-shadow:var(-
-smtc-shadows-floating-action-button-rest);fill:var(--smtc-foreground-content-neutral-secondary)}.acfdefaultc
hev .cr:hover{background:var(--smtc-ctrl-fab-background-hover)}.acfdefaultchev
.cr:active{background:var(--smtc-ctrl-fab-background-pressed)}.b_ofchev .acfdefaultchev.btn.prev
.cr{left:-18px}.b_ofchev .acfdefaultchev.btn.next
.cr{right:-18px}@media(forced-colors:active){.acfdefaultchev .cr{background:ButtonFace}.acfdefaultchev
.cr>svg{fill:ButtonText}.acfdefaultchev .cr:hover,.acfdefaultchev
.cr:has(:focus-visible){background:Highlight}}.slide.b_crslitm.b_sldfitcont{width:fit-content}#slideexp0_A2
3757 .slide:last-child { margin-inline-end: 0; } #slideexp0_A23757 .slide>*:last-child { margin-bottom: unset
!important; } .b_acf_crsl #slideexp0_A23757c .b_slidebar .slide { box-shadow: unset; -webkit-box-shadow:
unset; } .b_acf_crsl.hovexp #slideexp0_A23757c.b_slideexp .b_overlay .b_slidesContainer { overflow: visible
!important; } .b_acf_crsl.hovexp #slideexp0_A23757c.b_slideexp .b_overlay .b_viewport { padding-top: 12px
!important; margin-top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px
!important; } .b_acf_crsl.hovexp.hovexpfix #slideexp0_A23757c.b_slideexp .b_overlay .b_viewport {
padding-bottom: 24px !important; margin-bottom: -24px !important; }Solar How Many Solar Panels Do I
Need To Power a House in 2026?See MoreWhile it varies from home to home, US households typically need
between 10 and 20 solar panels to fully offset how much electricity they use throughout the year. The goal of
most solar projects is to ...

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In this guide, we'll explore everything from the different types of ...

You can calculate how many solar panels you need by dividing ...

Bluetti is committed to offering dependable, powerful and long-lasting power sources for outdoor adventurers, recreational activities, and any emergency situation. We is known for quality and ...

Luckily, it's not hard to figure out how many solar panels to install. All you need to know is which numbers matter, and how to make them work for your home.

You can calculate how many solar panels you need by dividing your yearly electricity usage by your area's production ratio and then dividing that number by the power output of your solar ...

But with dozens of brands, multiple technologies, and varying quality levels, choosing the right panels can feel overwhelming. Should you prioritize maximum efficiency or best value? How ...

Find out how many solar panels your house needs. Use our calculator for quick results in just a few steps! No email address needed.

In this guide, we'll explore everything from the different types of residential solar panels to the cost considerations for your home solar panel installation. When choosing home solar panels, it ...

While it varies from home to home, US households typically need between 10 and 20 solar panels to fully offset how much electricity they use throughout the year. The goal of most solar projects is to ...

Uses local climate data, your roof measurements, current local electric rates and current solar system cost to generate an accurate solar cost and savings estimate, customized for your home.

Web: <https://anaelenaartistapmu.es>