

Explore the essential solar panel components and how they work in solar energy systems. Learn about types, manufacturing, and more.

What components make up a solar panel? This article explains the six key structural components--from front glass and solar cells to encapsulation materials, backsheet, frame and ...

Here's a full list of components of solar power system! Before you start the installation, you should make sure you have all the solar system parts.

As of 2022, most solar panel components are manufactured in China; however, North American companies are rising in the industry, so you don't have to rely on imported parts for every ...

Understanding each part helps you make informed decisions about your energy setup. This guide provides a comprehensive look at the essential elements that make up a functional solar ...

Solar Panel Materials
 What Are The Four Basic Components of A Solar Power Plant?
 What Are The Three Types of Solar Panels?
 What Are The Components of Solar Inverter?
 What Is The Raw Material For Solar Panels?
 Which Metal Is Used in Solar Panels?
 Who Makes The Parts For Solar Panels?
 Before we discuss the components of solar panels, let's first talk about the different types of solar panels. There are three types of solar panels. They include monocrystalline solar panels, polycrystalline solar panels, and thin-film or amorphous solar panels. See more on solvoltaics

#b_results li.b_ans.b_mop.b_mopb,#b_results li.b_ans.b_nonfirsttopb{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}.iacfm .iacf_head{display:flex;align-items:center;gap:var(--smtc-gap-between-content-small);text-decoration-color:var(--smtc-foreground-content-neutral-primary);box-sizing:border-box;margin-bottom:var(--smtc-gap-between-content-x-small)}.iacfm .iacf_head span{flex:1 1 0;white-space:nowrap;text-overflow:ellipsis;overflow:hidden;color:var(--smtc-foreground-content-neutral-primary);font:var(--bing-smtc-text-global-body3-strong)}.iacfm .iacf_head div{display:flex;height:22px;width:22px;justify-content:center;align-items:center;transition:background 300ms ease-out;margin-right:-3px;border-radius:var(--mai-smtc-corner-list-card-default);overflow:hidden}.iacfm .iacf_head .iacf_chv{color:var(--smtc-foreground-content-neutral-primary)}[dir="rtl"] .iacfm .iacf_head svg{transform:scaleX(-1)}.rel_ent_w{margin:4px 0 9px}.rel_ent_w .rel_ent_w:focus-visible{outline-offset:-6px}.rel_ent_w.rel_ent_crs{margin:6px 0 16px}.b_top .rel_ent_w{margin-top:-4px}.b_top .rel_ent_w.rel_ent_crs{margin-top:0}.b_mm_swipable

```

.rel_ent_w{margin:4px 0 20px}.b_rich .rel_ent_w{margin:-3px -16px
8px}.rel_ent_w.rel_ent_scr:not(.rel_ent_crs){height:50px;overflow:hidden}.rel_ent_c{white-space:nowrap;ov
erflow:hidden;padding-left:1px;height:50px}.aqptmt:not(.rel_ent_crs) .rel_ent_c{display:flex}.rel_ent_wp
.rel_ent_c{white-space:initial}.rel_ent_scr
.rel_ent_c{overflow-y:hidden;-webkit-overflow-scrolling:touch;overflow-x:auto}.rel_ent_scr:not(.rel_ent_crs)
.rel_ent_c{padding-bottom:12px}.b_mm_swipable
.rel_ent_c{padding-left:10px;margin-top:-2px;margin-bottom:4px}.b_rich
.rel_ent_c{padding-left:15px}.rel_ent_w.rel_ent_crs .slide,.rel_ent_w.rel_ent_crs
.slide:hover{width:auto;height:42px;border-radius:20px !important;box-shadow:none !important;overflow:visib
le}a.rel_ent{display:inline-block;padding:0 16px 0 12px;margin:4px 8px 4px
0;border-radius:20px;border:1px solid
#ddd;text-decoration:none;overflow:hidden;height:40px;max-width:80vw}:not(#!gVidAnsContainer)>.aqptmt
.rel_ent_c a.rel_ent{overflow:initial;display:flex}.slide a.rel_ent{margin:0;box-shadow:none}.b_slidebar
.slide .rel_ent .cico,.rel_ent .cico,.rel_ent>img{display:inline-block;vertical-align:middle;margin:2px 8px 2px
-10px;border-radius:50%;background:#f7f7f7;flex-shrink:0}.rel_ent_tw{vertical-align:middle;font-size:12px;
color:#444;line-height:16px;height:100%;float:right;display:table}.rel_ent_t{display:table-cell;vertical-align:
middle;align-content:center}.aqptmt:not(.spl2) .rel_ent_tw,.aqptmt:not(.spl2) .rel_ent_tw
.rel_ent_t{overflow:hidden;text-overflow:ellipsis;white-space:nowrap}.aqptmt:not(.spl2)
.rel_ent_tw{display:flex;overflow:hidden;text-overflow:ellipsis;align-items:center;white-space:nowrap}.rel_e
nt_w:not(.spl2) .rel_ent_t strong{display:inline-block;font-weight:normal}#b_results phead
.b_attribution{padding-bottom:8px}.iaplanner .b_moreLink{margin-top:11px}.iaplanner.iarnd
.b_moreLink{margin-top:3px}.b_ans .b_rich pserp.b_mBMargin{padding:0;border-top:0}.b_ans #vidans2
.b_rich .rel_ent_w{margin:6px 0 16px}.aqptmt a.rel_ent{border-color:#106ebe}.aqptmt:not(.spl2)
.rel_ent_tw,.aqptmt:not(.spl2) .rel_ent_tw .rel_ent_t{font-size:16px}.b_overlay
.btn.rounded{position:absolute;cursor:pointer;z-index:1;-moz-user-select:none;-khtml-user-select:none;-webki
t-user-select:none;-o-user-select:none;-ms-user-select:none;user-select:none}.b_overlay
.btn.rounded,.b_overlay .btn.rounded .bg,.b_overlay .btn.rounded .cr,.b_overlay .btn.rounded
.cr>div,.b_overlay .btn.rounded .vcac>div{border-radius:50%}.b_overlay .btn.rounded
.vcac{height:0}.b_overlay .btn.rounded{height:32px;width:32px;top:50%;margin-top:-16px}.b_overlay
.btn.rounded .bg,.b_overlay .btn.rounded:hover .bg{opacity:0}.b_overlay .btn.rtl.rounded
.cr{direction:ltr}.b_overlay .btn.hidden.rounded .cr,.b_overlay .btn.disabled.rounded
.cr{visibility:hidden}.b_overlay .btn.rounded .cr>div{border:1px solid #ececce;box-shadow:0 2px 3px 0
rgba(0,0,0,.1);height:30px;width:30px;overflow:hidden;background-image:none;background-color:#fff}.b_ov
erlay .btn.rounded .cr>div:hover{box-shadow:0 2px 4px 1px rgba(0,0,0,.14)}.b_overlay .btn.rounded
.cr>div:after{bottom:5px;background-color:#fff;transform-origin:-430px
0;display:inline-block;transform:scale(.5);position:relative}.b_overlay .btn.rounded
.cr>div:hover:after{transform-origin:-514px 0}.b_overlay .btn.ltr.rounded .cr>div:after{right:5px}.b_overlay
.btn.rtl.rounded .cr>div:after{left:5px}.b_overlay .btn.prev.ltr.rounded .cr,.b_overlay .btn.next.rtl.rounded
.cr{transform:scaleX(-1)}body .b_overlay .btn.rounded.next{right:-12px}body .b_overlay
.btn.rounded.prev{left:-13px}.ra_car_container .b_overlay .btn.prev.ltr.rounded .cr>div,.ra_car_container

```

```
.b_overlay .btn.next.rtl.rounded .cr>div{transform:unset}.ra_car_container .b_overlay .btn.rounded
.cr>div{background-position:0;border:unset}.ra_car_container .b_overlay .btn.rounded
.cr>div:after{content:unset}@media screen and (forced-colors:active){.b_overlay .btn.rounded.hidden
*,.b_overlay .btn.rounded.disabled *{background:none}.b_overlay .btn.rounded.hidden,.b_overlay
.btn.rounded.disabled{background:none}}.b_overlay .btn.rounded
.cr>div:after{content:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png)}#b_content .iacfic.mmkiaacf .iacfmit
.imgInfo{color:var(--smtc-ctrl-link-foreground-brand-rest)}#b_content .iacfic.mmkiaacf .iacfmit
a{text-decoration-color:var(--smtc-ctrl-link-foreground-brand-hover)}#b_content .iacfic.mmkiaacf .iacfmit
.imgInfo{font:var(--bing-smtc-text-global-body3)}#b_content .iacfic.mmkiaacf
.iacf_crsI[data-wptds-carousel]>div[data-wptds-carousel-scroll-container]{padding-bottom:52px}#b_content
.iacfic.mmkiaacf .iacfmit{box-sizing:initial;padding-bottom:52px}#b_content .iacfic.mmkiaacf .iacfmit
.imgInfo{text-overflow:ellipsis;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;align-sel
f:stretch;padding:0 var(--smtc-gap-between-content-xx-small);overflow:hidden}#b_content .iacfic.mmkiaacf
.iacfimgc{padding-bottom:var(--smtc-gap-between-content-x-small)}#b_content .acfImgAns
.salink,#b_content .acfImgAns
.iasalink{text-align:center;display:block;padding-bottom:var(--smtc-gap-between-content-medium)}#b_conte
nt .acfImgAns .salink: hover .iasabt,#b_content .acfImgAns .iasalink: hover
.iasabt{background:var(--smtc-background-ctrl-neutral-hover)}#b_content .acfImgAns .salink: active
.iasabt,#b_content .acfImgAns .iasalink: active
.iasabt{background:var(--smtc-background-ctrl-neutral-pressed)}#b_content .acfImgAns .iasabt,#b_content
.acfImgAns
.iExp_chevron{height:initial;border-radius:var(--smtc-corner-circular);background:var(--bing-smtc-backgrou
nd-ctrl-neutral-rest);display:inline-block;position:relative;top:0;box-shadow:initial}#b_content .acfImgAns
.iasatxt{font:var(--bing-smtc-text-global-caption1-strong);color:var(--bing-smtc-foreground-content-brand-res
t);padding:var(--smtc-gap-between-content-x-small)
var(--smtc-gap-between-content-small);display:flex;gap:var(--smtc-gap-between-content-x-small);justify-cont
ent:center;align-items:center}#b_content .acfImgAns .salink::before,#b_content .acfImgAns
.iasalink::before{border-bottom:1px solid
var(--smtc-stroke-ctrl-on-neutral-rest);width:100%;display:block;content:"";top:18px;position:relative}#b_con
tent .acfImgAns .svg{vertical-align:top}#b_content .acfImgAns
.svgpath{fill:var(--bing-smtc-foreground-content-brand-rest)}#b_content .acfImgAns .iachevron,#b_content
.acfImgAns .svgicon{width:12px;height:12px;margin-left:0;position:relative;top:0}html[dir=rtl] #b_content
.acfImgAns .iachevron,html[dir=rtl] #b_content .acfImgAns .svgicon{transform:scaleX(-1)}#b_content
.acfImgAns .rel_ent_w a.rel_ent{border:1px solid var(--acf-stroke-neutral-decorative)}#b_content .acfImgAns
.iaheader .iacf_head{text-decoration-color:var(--smtc-foreground-ctrl-neutral-primary-hover)}#b_content
.acfImgAns .iaheader .iacf_head span,#b_content .acfImgAns .iaheader .iacf_head
svg{color:var(--smtc-foreground-content-neutral-primary);forced-color-adjust:auto}#b_content
.iacfic.mmkiaacf .iacf_plan .cico{border-radius:var(--mai-smtc-corner-card-default)}#b_content
.iacfic.mmkiaacf .iacf_plan .cico img{border-radius:var(--mai-smtc-corner-card-default)}#b_content
.iacfic.mmkiaacf{overflow:visible;padding:0}#b_content .iacfic.mmkiaacf
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.iacf_crsl[data-wptds-carousel]{margin:0;padding-bottom:var(--smtc-gap-between-content-medium)}#b_content
.iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-controls]{--wptds-carousel-control-opacity:1}#b_content .iacfic.mmkiaacf
.iacf_crsl[data-wptds-carousel]>div{padding:0}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
[data-direction="end"]{margin-right:-22px}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
[data-direction="end"] svg{transform:scaleX(-1)}#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
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button{background:var(--smtc-background-card-on-primary-default-rest);box-shadow:var(--bing-smtc-shadows-card-hover-3);width:36px;border-radius:var(--smtc-corner-ctrl-lg-rest)}#b_content .iacfic.mmkiaacf
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button:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content
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button:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content
.iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel] button svg{transition:initial}#b_content .iacfic.mmkiaacf
.iacf_crsl[data-wptds-carousel] button svg
path{fill:var(--smtc-foreground-content-neutral-secondary);forced-color-adjust:auto}#b_content
.iacfic.mmkiaacf .iacfmit{position:absolute}#b_content .iacfic.mmkiaacf .iacfimgc{margin:auto}#b_content
.b_ans.b_imgansacf{padding:0!important}#b_content
.b_ans.b_top.b_imgansacf{background-color:initial!important}#b_content .acfImgAns .iaheader
.iacf_head{gap:0;padding:var(--smtc-gap-between-content-medium)
0;display:flex;align-items:center;box-sizing:border-box}#b_content .acfImgAns .iaheader
.iacf_head:hover{text-decoration:none}#b_content .acfImgAns .iaheader .iacf_head:hover
span{text-decoration:underline}#b_content .acfImgAns .iaheader .iacf_head:hover
.iacf_chv{background:initial}#b_content .acfImgAns .iaheader .iacf_head
div{display:flex;align-items:center;transition:background-color 300ms
ease-out;margin-right:-3px;border-radius:var(--smtc-corner-ctrl-rest);overflow:hidden;color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_content .acfImgAns .iaheader .iacf_head
span{width:initial;flex:none;font:var(--bing-smtc-text-global-subtitle1-strong);padding-inline-start:0;max-width:90%;text-overflow:ellipsis;white-space:nowrap;overflow:hidden}#b_content .acfImgAns .iaheader
.iacf_head .iacf_chv{width:22px;justify-content:center;height:22px}#b_content .acfImgAns
.rel_ent_w{margin-top:0}#b_content .acfImgAns .rel_ent_w .b_slideexp{margin:0}#b_content .acfImgAns
.rel_ent_w .btn.rounded{top:initial;margin-top:1px}#b_content .acfImgAns .rel_ent_w
.btn.next{right:-14px}#b_content .acfImgAns .rel_ent_w
.cr>div{width:36px;height:38px;border-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-smtc-background-container);box-shadow:var(--bing-smtc-shadows-card-hover-3);border:initial}#b_content
.acfImgAns .rel_ent_w .cr>div:after{margin-inline-start:2px;top:0}#b_content .acfImgAns .rel_ent_w
.b_viewport{padding-top:0;margin-left:0;padding-left:0}#b_content .acfImgAns .rel_ent_w .b_viewport
.slide{height:38px;margin-left:0;margin-inline-end:var(--smtc-gap-between-content-x-small)}#b_content
.acfImgAns .rel_ent_w
```

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a.rel_ent{border-radius:var(--smtc-corner-circular);background:var(--smtc-background-card-on-primary-default-rest);padding-left:0;height:38px}#b_content .acfImgAns .rel_ent_w
a.rel_ent:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content .acfImgAns .rel_ent_w
a.rel_ent:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content .acfImgAns .rel_ent_w
.cico{margin:var(--smtc-gap-between-content-xx-small) var(--smtc-gap-between-content-x-small) var(--smtc-gap-between-content-xx-small) var(--smtc-gap-between-content-xx-small)}#b_content .acfImgAns .rel_ent_w
.rel_ent_tw{font:var(--bing-smtc-text-global-caption1-strong)}#b_content .acfImgAns .rel_ent_w
.rel_ent_c{padding-left:0}#b_content .acfImgAns .rel_ent_w .b_sidebar{padding-inline-start:0}#b_content .acfImgAns .rel_ent_w .rel_ent_c
.rel_ent:first-child{margin-inline-start:var(--mai-smtc-padding-card-default);align-items:center}html[dir=rtl]
#b_content .acfImgAns .iaheader .iacf_head svg{transform:scaleX(-1)}html[dir=rtl] #b_content .acfImgAns
.iacf_crsl[data-wptds-carousel] [data-direction="end"]{transform:scaleX(-1)}html[dir=rtl] #b_content
.iacfImgAns .iacf_crsl[data-wptds-carousel] [data-direction="start"]{transform:scaleX(-1)}.iacfm .iacfmit
a:focus .isp_imgcont img,.iacfm .iacfmit a:focus .iacfimgc img,.iacfm .iacfmit a:focus .iacf_smol{outline:3px
dotted #1aebff;outline-offset:-5px}.iacfm .iacfmit .cico{position:relative}.iacfm .iacfmit
.cico::after{content:"";position:absolute;left:0;top:0;width:100%;height:100%;background:rgba(0,0,0,.03)}.gs
_card .iacfmit img,.b_wpt_container .iacfmit img,.b_acf_card .iacfmit img{transition:transform .3s
ease-out}.gs_card .iacfmit:hover .iacfimgc img,.b_wpt_container .iacfmit:hover .iacfimgc img,.b_acf_card
.iacfmit:hover .iacfimgc
img{transform:scale(1.1)}.iacfic{position:relative;height:100%;width:100%;background:#fff;overflow:hidden
;border-radius:inherit}.iacf_plan{position:relative}.iacfmit
.mimg{width:100%;height:100%;position:relative}.iacfic .iacfmit{position:absolute}.iacfic .iacfmit
.cico{border-radius:0}.iacfca{padding:var(--mai-smtc-padding-card-default);box-sizing:border-box;overflow:
hidden;border-radius:var(--mai-smtc-corner-card-default)}.iacfca .iacf_crsl
.iacfmit{overflow:hidden;position:relative}.iacfca .iacf_crsl .iacfmit
.cico{overflow:hidden;border-radius:var(--mai-smtc-corner-list-card-default)}.iacfca .iacf_crsl .iacfmit .cico
img{border-radius:inherit;transition:transform 300ms ease-out}.iacfca .iacf_crsl .iacfmit:hover .cico
img{transform:scale(1.1)}.iacfca .iacfmit a:focus,.iacfca .iacfmit a:focus img{outline:0}.iacfca .iacfmit
a:focus .cico::after{border-radius:inherit;box-shadow:inset 0 0 0 3px
var(--bing-smtc-background-card-on-primary-alt-rest);outline:2px solid
var(--smtc-foreground-content-neutral-secondary);outline-offset:-2px}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"]{margin:0
calc(-1*var(--mai-smtc-padding-card-default));height:auto}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"] [data-wptds-carousel-scroll-container]{padding:0
var(--mai-smtc-padding-card-default)}.iacfca [data-wptds-carousel][data-default][data-variant="Normal"]
[data-wptds-carousel-scroll-container] ol{width:fit-content;align-items:center}.iacfca
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="end"]{margin-right:24px}.iacfca
[data-wptds-carousel][data-default]

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[data-wptds-carousel-control][data-direction="start"]{margin-left:24px}.iacfca
.iacf_pag{position:absolute;bottom:8px;left:50%;transform:translate(-50%,0)}.cards.large
.iacfca{height:200px}[dir="rtl"] .iacfca .iacf_pag{transform:translate(50%,0)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]{background:var(--bing-smtc-background-ctrl-neutral-rest);border:0;height:56px
;width:16px;transition:width .3s;background-color:var(--smtc-foreground-ctrl-neutral-primary-hover)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control] svg{transition:transform .3s}.iacfm.iacfca .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]:hover{width:24px;background:var(--smtc-background-ctrl-neutral-hover)}.iacf
m.iacfca .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control] path{fill:currentColor}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="start"]{border-radius:0 8px 8px
0;margin-left:16px}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="start"]
svg{transform:scale(.7)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="start"]:hover
svg{transform:scale(1)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol
[data-direction="end"]{border-radius:8px 0 0 8px;margin-right:16px}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="end"] svg{transform:scale(-.7)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="end"]:hover svg{transform:scale(-1)}.iacfm.iacfca.iacf_fb
.iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control],.iacfm.iacfca.iacf_ss
.iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]{background:var(--mai-smtc-background-ctrl-on-image-rest);color:var(--mai-sm
tc-foreground-ctrl-on-image-rest)}.iacfm.iacfca.iacf_fb .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control] path,.iacfm.iacfca.iacf_ss .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control] path{fill:currentColor}.iacfca .iacf_colg_crsl
[data-wptds-carousel-list]{width:fit-content}.iacfca .iacf_colg_crsl .iacfmit{position:absolute}.iacfca
.iacf_colg_crsl
.cico{border-radius:0}.iacfca:not(.iacfh):has(>.iacf_colg_crsl){height:100%;width:100%;padding:0;overflow:
hidden;border-radius:inherit}.iacfca:not(.iacfh):has(>.iacf_colg_crsl)
.iacfmit{border-radius:0}.iacfca:not(.iacfh):has(>.iacf_colg_crsl) [data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{inline-size:calc(100% + var(--wptds-carousel-control-size) -
var(--mai-smtc-padding-card-default)*2);transform:translateX(calc(0rem +
var(--mai-smtc-padding-card-default) - (var(--wptds-carousel-control-size)/2)))
translateY(-50%)}.iacfm.iacfca.iacf_fb,[data-wptds-carousel][data-default]::before,[data-wptds-
carousel][data-default]::after,[data-wptds-carousel][data-default] *,[data-wptds-carousel][data-default]
*::before,[data-wptds-carousel][data-default]
*::after{box-sizing:border-box;margin:0;padding:0}[data-wptds-carousel][data-default][hidden],[data-wptds-c
arousel][data-default]
[hidden]{display:none}[data-wptds-carousel][data-default][data-visually-hidden],[data-wptds-carousel][data-d
efault] [data-visually-hidden]{block-size:.0625rem;border:0;clip:rect(0 0 0 0);
inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}[data-wptds-carousel]
[data-default]{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-color:#ddd;--wptds-car

```

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ousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676;--wptds-carousel-control-size:2rem;display:block;po
sition:relative;block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-scroll-container]{overflow-x:auto;overflow-y:clip;scroll-behavior:smooth;block-size:10
0%;-ms-overflow-style:none;scrollbar-width:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-scroll-container]::-webkit-scrollbar{display:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-scroll-container]:focus-visible{outline-color:Highlight;outline-color:-webkit-focus-ring-
color;outline-offset:.0625rem;outline-style:auto;outline-width:.0625rem}[data-wptds-carousel][data-default]
[data-wptds-carousel-list]{display:flex;gap:.5rem;list-style:none;block-size:100%}[data-wptds-carousel][data-
default]
[data-wptds-carousel-list]>*[flex-grow:0;flex-shrink:0][data-wptds-carousel][data-default]
[data-wptds-carousel-list]>:not([data-wptds-carousel-item]){display:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]{block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]>*[block-size:100%][data-wptds-carousel][data-default]
[data-wptds-carousel-item]>img{display:block;inline-size:auto}[data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{list-style:none;position:absolute;inline-size:calc(100% +
var(--wptds-carousel-control-size));inset-block-start:50%;transform:translateX(calc(0rem -
(var(--wptds-carousel-control-size)/2)))
translateY(-50%);display:flex;align-items:center;justify-content:space-between;pointer-events:none}[data-wpt
ds-carousel][data-default]
[data-wptds-carousel-controls]>*[flex-grow:0;flex-shrink:0][data-wptds-carousel][data-default]
[data-wptds-carousel-control]{cursor:pointer;inline-size:var(--wptds-carousel-control-size);aspect-ratio:1;displ
ay:grid;place-content:center;border-radius:50%;background-color:var(--wptds-carousel-control-bg-color);bord
er:.0625rem solid
var(--wptds-carousel-control-border-color);box-shadow:var(--wptds-carousel-control-box-shadow);color:var(-
-wptds-carousel-control-fg-color);opacity:var(--wptds-carousel-control-opacity);pointer-events:all}[data-wptd
s-carousel][data-default]
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-c
olor:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]:focus-visible{outline-color:Highlight;outline-color:-webkit-focus-ring-color;out
line-offset:.0625rem;outline-style:auto;outline-width:.0625rem}[data-wptds-carousel][data-default]
[data-wptds-carousel-control] *{pointer-events:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]>svg{display:block}[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start">svg{transform:scaleX(1)}[data-wptds-carousel][data-de
fault]
[data-wptds-carousel-control][data-direction="end">svg{transform:scaleX(-1)}[data-wptds-carousel][data-de
fault]
[data-wptds-carousel-control][aria-disabled="true"]{visibility:hidden;cursor:not-allowed}[data-wptds-carousel
][data-default]
[data-wptds-carousel-announce]{block-size:.0625rem;border:0;clip:rect(0 0 0
0);inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}[data-wptds-carousel]

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[data-default][data-variant="Normal"],[data-wptds-carousel][data-default][data-variant="FullWidth"]{--wptds-carousel-control-opacity:0}[data-wptds-carousel][data-default][data-variant="Normal"]:has([data-wptds-carousel-scroll-container]:focus-visible),[data-wptds-carousel][data-default][data-variant="Normal"]:has([data-wptds-carousel-control]:focus-visible),[data-wptds-carousel][data-default][data-variant="FullWidth"]:has([data-wptds-carousel-scroll-container]:focus-visible),[data-wptds-carousel][data-default][data-variant="FullWidth"]:has([data-wptds-carousel-control]:focus-visible){--wptds-carousel-control-opacity:1}[data-wptds-carousel][data-default][data-variant="Normal"][data-snap] [data-wptds-carousel-scroll-container]{scroll-snap-type:x proximity}[data-wptds-carousel][data-default][data-variant="Normal"][data-snap]
[data-wptds-carousel-item]{scroll-snap-align:center;scroll-snap-stop:always}[data-wptds-carousel][data-default][data-variant="Normal"][data-snap]
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][data-variant="Normal"][data-snap]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][data-variant="FullWidth"] [data-wptds-carousel-scroll-container]{scroll-snap-type:x mandatory}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]{inline-size:100%;scroll-snap-align:center;scroll-snap-stop:always}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]>*{inline-size:100%}[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{--control-side-gap:.25rem;inline-size:calc(100% - (var(--control-side-gap)*2));transform:translateX(calc(0rem + var(--control-side-gap))) translateY(-50%)}[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-color:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .3125rem rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#111}[data-wptds-carousel][data-desktop][data-variant="Normal"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][data-desktop][data-variant="Normal"]:has([data-wptds-carousel-control]:hover),[data-wptds-carousel][data-desktop][data-variant="FullWidth"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][data-desktop][data-variant="FullWidth"]:has([data-wptds-carousel-control]:hover){--wptds-carousel-control-opacity:1}[dir="rtl"]
[data-wptds-carousel][data-default] [data-wptds-carousel-controls]{transform:translateX(calc(0rem + (var(--wptds-carousel-control-size)/2))) translateY(-50%)}[dir="rtl"] [data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start"]>svg{transform:scaleX(-1)}[dir="rtl"]
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="end"]>svg{transform:scaleX(1)}[dir="rtl"]
[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{transform:translateX(calc(0rem - var(--control-side-gap)))

```

```

translateY(-50%)).b_dark [data-wptds-carousel][data-default],.b_drk
[data-wptds-carousel][data-default]{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark [data-wptds-carousel][data-default]
[data-wptds-carousel-control]:active,.b_drk [data-wptds-carousel][data-default]
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark [data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active),.b_drk
[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-bg-color:#605e5c;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .3125rem rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#faf9f8}.gs_card .iacfic .iacfmit .iacfimgc,.gs_card .iacfic .iacfmit .cico,.b_wpt_container .iacfic .iacfmit .iacfimgc,.b_wpt_container .iacfic .iacfmit .cico{width:100%!important;height:100%!important;border-radius:0}.gs_card .iacfic .iacfmit.iacfstc img,.gs_card .iacfic .iacfmit .iacfimgc img,.b_wpt_container .iacfic .iacfmit.iacfstc img,.b_wpt_container .iacfic .iacfmit .iacfimgc img{width:100%;height:100%;object-fit:cover}#slideexp4_D08322 .slide {margin-right: 8px; }#slideexp4_D08322c .b_slidebar .slide { border-radius: 6px; }#slideexp4_D08322 .slide:last-child { margin-right: 1px; }#slideexp4_D08322c { margin: -4px; } #slideexp4_D08322c .b_viewport { padding: 4px 1px 4px 1px; margin: 0 3px; } #slideexp4_D08322c .b_slidebar .slide { box-shadow: 0 0 0 1px rgba(0, 0, 0, 0.05); -webkit-box-shadow: 0 0 0 1px rgba(0, 0, 0, 0.05); } #slideexp4_D08322c .b_slidebar .slide.see_more { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); -webkit-box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); } #slideexp4_D08322c .b_slidebar .slide.see_more:carousel_seemore { border: 0px; }#slideexp4_D08322c .b_slidebar .slide.see_more:hover { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); -webkit-box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); }Images of Photovoltaic Solar Panels And ComponentsSolar Panel Components DIYSolar Panel System ComponentsBuild Solar PanelSolar Panel Components DiagramSolar Panel MaterialsHome Solar System ComponentsSolar Panel ConnectorsSolar Energy ComponentsSolar Panel AssemblyParts of pv panels. Parts of solar panel. Photovoltaic system. Solar ...Solar Panel Components: Exploring the Basics of PV Systems - Energy TheoryComponents Of A Solar Panel at Jonathan Boas blogWhat Are The Main Components of Solar Panels? - Professional ...What Are The Parts Of A Solar Panel at Shelley Siegel blogWhat Are Solar Panels Made Of? The Parts of a Solar PanelThe structure of a photovoltaic module - Ecoprogetti Solar Panel Parts And ComponentsWhat Components Do You Need for Solar Panel System Installation?See all.product-card-container{margin:0 -20px;position:relative;display:block}.product-card-container .cmuipcm-content-cntr__base-info{min-height:unset}.product-card-container .merce-ui-image-wrapper__image-container .cico img{vertical-align:middle}.product-card-container .cmuipcm-meta-data.cmuipcm-meta-data--hoverable{display:none}#b_results .shoppingCollageAcfCarouselCard,#b_results .shoppingCollageAcfGridCard{width:100%;height:auto}.big-height-product-card-container.shpclg-art .product-card-content .cmuipcm-content-cntr__title{-webkit-line-clamp:2}.shpclg-art .product-card-content

```

```
.cmuipcm-content-cntr__title{-webkit-line-clamp:1}.product-card-hoverable-template{display:none}.shop-image-collage{display:-webkit-box;display:-webkit-flex;display:-moz-flex;display:-ms-flexbox;display:flex;-webkit-box-pack:justify;-ms-flex-pack:justify;justify-content:space-between;-webkit-box-align:stretch;-ms-flex-align:stretch;align-items:stretch}.shop-image-collage+.shop-image-collage{margin-top:16px}.product-card-content,.product-card-content .product-card-normal,.product-card-content .product-card-normal
merce-ui-product-card-medium__target-link{height:100%}.products-wrapper-slide{position:relative;min-height:200px}.products-wrapper-slide .b_overlay
.btn{height:48px;width:36px;top:50%;margin-top:-24px}.products-wrapper-slide .b_overlay .btn
.bg{background-color:unset;opacity:0}.products-wrapper-slide .b_overlay
.btn.acfdefaultchev.next{right:-18px!important}.products-wrapper-slide .b_overlay
.btn.acfdefaultchev.prev{left:-18px!important}.products-wrapper-slide
.slide{box-shadow:none!important;height:100%}.product-card-normal:focus,.product-card-normal:focus-visible{border-radius:16px}
merce-ui-product-card-medium .cmuipcm-content-cntr .cmuipc-seller
.cico{border-radius:3px}.b_dark .products-wrapper-slide .b_slidebar .slide,.b_drk .products-wrapper-slide
.b_slidebar .slide{background-color:unset!important}body>
-product-card-hoverable-overlay{position:absolute;z-index:4;pointer-events:auto;opacity:0;overflow:visible;transition:opacity .15s ease-in-out}body>
-product-card-hoverable-overlay.hoverable-visible{opacity:1}body>
-product-card-hoverable-overlay
merce-ui-product-card-medium__target-link{min-height:100%}#bpage
.products-wrapper-slide .b_slidebar{padding-left:16px;padding-right:16px}#b_results
.product-card-container{margin:0}.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-primary-alt-rest)}.b_acf_card_link{border-radius:var(--mai-smtc-corner-card-default);outline-offset:-1px;position:absolute;width:100%;height:100%}.b_acf_card_link:hover{text-decoration:unset}.acf_col1_4{width:140px}.acf_col1_6{width:160px}@media(forced-colors:active){.b_acf_card_link{background-color:unset}.b_acf_card[link]
.acf_t_c_title{color:LinkText!important}}.acf_col1{width:88px}.acf_col2{width:200px}.acf_col3{width:312px}.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}.acf_row5{height:536px}.acf_row6{height:648px}.acf_row7{height:760px}.acf_row8{height:872px}.acf_row9{height:984px}.acf_row10{height:1096px}.acf_row11{height:1208px}.acf_row12{height:1320px}.b_overlay
.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;border-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)}.acfdefaultchev
```

```

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}}[background="alpha-white"]{background-color:rgba(255,255,
255,.8)}[background="rest-blue"]{background-color:#eff4fa}.b_dark
[background="alpha-white"]{background-color:rgba(38,38,38,.8)}.b_dark
[background="rest-blue"]{background-color:#292c33}
merce-ui-product-card-medium{display:flex;flex-direction:column;width:100%;max-width:360px;border-radi
us:var(--mai-smtc-corner-card-default)}
merce-ui-product-card-medium__target-link{display:flex;flex-direction:column;color:inherit;text-decoration:n
one} merce-ui-product-card-medium__target-link:hover,
merce-ui-product-card-medium__target-link:focus{text-decoration:none}
merce-ui-product-card-medium--hoverable{position:relative;padding:8px}
merce-ui-product-card-medium--hoverable::before{content:"";position:absolute;top:0;left:0;right:0;bottom:0;b
ackground-color:transparent;transform:scale(.93) translateZ(0);transform-origin:center;transition:transform
.16s cubic-bezier(.4,0,.2,1),background-color 0s cubic-bezier(.4,0,.2,1)
.16s;z-index:0;border-radius:var(--mai-smtc-corner-card-default);will-change:transform;background-color;bac
kface-visibility:hidden} merce-ui-product-card-medium--hoverable:hover::before{transform:scale(1)
translateZ(0);background-color:var(--bing-smtc-background-card-on-primary-alt-hover);box-shadow:0 4px
12px 1px rgba(0,0,0,.14);transition:transform .16s cubic-bezier(.4,0,.2,1),background-color 0s
cubic-bezier(.4,0,.2,1)}
merce-ui-product-card-medium--hoverable:active::before{background-color:var(--bing-smtc-background-card
-on-primary-alt-pressed)} merce-ui-product-card-medium--hoverable>div{position:relative;z-index:1}
merce-ui-product-card-medium--hoverable
.cmuipcm-content-cntr__title{transform:translateZ(0);backface-visibility:hidden;transition-property:max-heig
ht;transition-duration:.16s;transition-timing-function:cubic-bezier(.4,0,.2,1);will-change:max-height;overflow:
hidden;-webkit-font-smoothing:antialiased;-moz-osx-font-smoothing:grayscale}
merce-ui-product-card-medium--hoverable
.cmuipcm-content-cntr__hashtags{transform:translateZ(0);backface-visibility:hidden;transition-property:max-
height,opacity;transition-duration:.16s;transition-timing-function:cubic-bezier(.4,0,.2,1);will-change:max-heig
ht,opacity;overflow:hidden} merce-ui-product-card-medium--hoverable .cmuipcm-image-cntr,
merce-ui-product-card-medium--hoverable merce-ui-image-wrapper,
merce-ui-product-card-medium--hoverable merce-ui-image-wrapper__image-container
.cico{transform:translateZ(0);backface-visibility:hidden;transition-property:border-radius;transition-duration:.
16s;transition-timing-function:cubic-bezier(.4,0,.2,1);will-change:border-radius;overflow:hidden;-webkit-font-
smoothing:antialiased;-moz-osx-font-smoothing:grayscale} merce-ui-product-card-medium--hoverable
.cmuipcm-meta-data{transform:translateZ(0);transition-property:max-height,opacity;transition-duration:.16s;t
ransition-timing-function:cubic-bezier(.4,0,.2,1);opacity:0;will-change:max-height,opacity;overflow:hidden}

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merce-ui-product-card-medium--hoverable: hover .cmuipcm-image-cntr--zoom .cico{transform:scale(1.1)}
merce-ui-product-card-medium--hoverable: hover .cmuipcm-image-cntr,
merce-ui-product-card-medium--hoverable: hover merce-ui-image-wrapper,
merce-ui-product-card-medium--hoverable: hover merce-ui-image-wrapper__image-container
.cico{border-radius:var(--smtc-corner-ctrl-hover)}
merce-ui-product-card-medium--hoverable.line-clamp-expanded
.cmuipcm-content-cntr__hashtags{max-height:24px;opacity:1;margin-top:0}
merce-ui-product-card-medium--hoverable.line-clamp-expanded
.cmuipcm-content-cntr__title{max-height:66px;transform:translateZ(0)}
merce-ui-product-card-medium--hoverable.line-clamp-expanded .cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--one~.cmuipcm-meta-data.cmuipcm-meta-data--one,
merce-ui-product-card-medium--hoverable.line-clamp-expanded .cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--hoverable,
merce-ui-product-card-medium--hoverable.line-clamp-expanded .cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--one,
merce-ui-product-card-medium--hoverable.line-clamp-expanded .cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data{max-height:20px;opacity:1;margin-top:0}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-content-cntr__title{max-height:44px}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-content-cntr__title[data-rows="1"]{-webkit-line-clamp:1;max-height:22px}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-content-cntr__title[data-rows="2"]{-webkit-line-clamp:2}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-content-cntr__title[data-rows="3"]{-webkit-line-clamp:3;max-height:66px}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-meta-data.cmuipcm-meta-data--hoverable{max-height:0;opacity:0;margin-top:-2px}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-meta-data.cmuipcm-meta-data--one{max-height:20px;opacity:1;margin-top:0}
merce-ui-product-card-medium--hoverable:not(.line-clamp-expanded)
.cmuipcm-meta-data.cmuipcm-meta-data--one~.cmuipcm-meta-data.cmuipcm-meta-data--one{max-height:0;opacity:0;margin-top:-2px}.cmuipcm-image-cntr{display:flex;position:relative;overflow:hidden;border-radius:var(--mai-smtc-corner-card-default)}.cmuipcm-image-cntr
merce-ui-image-wrapper{height:100%;width:100%;border-radius:var(--mai-smtc-corner-card-default)}.cmuipcm-image-cntr merce-ui-image-wrapper__image-container
.cico{background:#fafafa;border-radius:var(--mai-smtc-corner-card-default);transition:transform .16s ease}.cmuipcm-image-cntr merce-ui-image-wrapper__image-container .cico
img{mix-blend-mode:multiply}@media(forced-colors:active){.cmuipcm-image-cntr
merce-ui-image-wrapper__image-container .cico
img{mix-blend-mode:normal}}.cmuipcm-badge{display:inline-block;background-color:#eff4fa;border-radius

```

```

:6px;padding:var(--smtc-gap-between-content-xxx-small)
var(--smtc-gap-between-content-x-small);font-family:"Segoe
Sans",-apple-system,BlinkMacSystemFont,"Segoe
UI",Roboto,sans-serif;font-size:14px;line-height:20px;font-weight:400;color:#1e2024;align-self:flex-start;whi
te-space:nowrap;text-overflow:ellipsis;overflow:hidden;max-width:calc(100%
12px)}.cmuipcm-rating-badge{position:absolute;top:8px;left:8px;background:var(--smtc-background-card-on
-primary-default-hover);border-radius:var(--smtc-ctrl-badge-corner);padding:var(--smtc-gap-between-content-
xxx-small)
var(--smtc-gap-between-content-x-small);display:flex;align-items:center;z-index:1}.cmuipcm-rating-badge
.ratingv2.snrnt.small-rts{gap:var(--smtc-gap-between-content-xxx-small);font-size:13px;line-height:20px}.cm
uipcm-rating-badge
.ratingv2.snrnt.small-rts
.rating-num{font-size:13px;font-weight:400;line-height:20px;color:var(--smtc-foreground-content-neutral-pri
mary);margin-left:2px}.cmuipcm-content-cntr{display:flex;flex-direction:column;flex:1;padding-top:var(--sm
tc-padding-ctrl-text-top)}.cmuipcm-content-cntr__base-info{display:flex;flex-direction:column;gap:var(--smt
c-gap-between-content-xxx-small);padding:0
var(--smtc-gap-between-content-xx-small);min-height:74px}.cmuipcm-content-cntr__title{margin-bottom:var
(--smtc-gap-between-content-xxx-small);font:var(--bing-smtc-text-global-body3);color:var(--smtc-foreground
-content-neutral-primary);overflow:hidden;display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clam
p:2;max-height:44px}.cmuipcm-content-cntr__title[data-rows="1"]{-webkit-line-clamp:1;max-height:22px}.c
muipcm-content-cntr__title[data-rows="2"]{-webkit-line-clamp:2}.cmuipcm-content-cntr__title[data-rows="3
"]{-webkit-line-clamp:3;max-height:66px}.cmuipcm-content-cntr__hashtags{display:flex;flex-wrap:wrap;gap
:var(--smtc-gap-between-content-xx-small);margin-bottom:var(--smtc-gap-between-content-xx-small);overflo
w:hidden;max-height:0;opacity:0;margin-top:-4px}.cmuipcm-content-cntr__hashtags-item{background-color:
var(--smtc-status-informative-tint-background);color:var(--smtc-foreground-content-neutral-secondary);border
-radius:var(--smtc-ctrl-badge-corner);font:var(--bing-smtc-text-global-caption1);padding:var(--smtc-gap-betw
een-content-xxx-small)
var(--smtc-gap-between-content-x-small);white-space:nowrap;text-overflow:ellipsis;overflow:hidden;max-wi
dth:100%}.cmuipcm-content-cntr
.cmuipc-seller{display:flex;flex-direction:row;align-items:center;gap:var(--smtc-gap-between-content-xx-smal
l)}.cmuipcm-content-cntr
.cmuipc-seller
.fb-prvdr{width:16px;height:16px;border-radius:3px}.cmuipcm-content-cntr
.cmuipc-seller__name{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-n
eutral-secondary-alt);white-space:nowrap;text-overflow:ellipsis;overflow:hidden}.cmuipcm-content-cntr__ro
w-wrapper{display:flex;flex-direction:column;align-items:flex-start;gap:var(--smtc-gap-between-content-xxx-
small);flex-wrap:wrap}.cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--hoverable{max-height:0;opacity:0;margin-top:-2px}.cmuipcm-cont
ent-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--one,.cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data:not(.cmuipcm-meta-data--hoverable){max-height:20px;opacity:1;margin-top:0}.cmuipc
m-content-cntr__row-wrapper
.cmuipcm-meta-data.cmuipcm-meta-data--one~.cmuipcm-meta-data.cmuipcm-meta-data--one{max-height:0;o

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capacity:0;margin-top:-2px}.cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data{display:flex;flex-direction:row;align-items:center}.cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data__icon{margin-right:4px}.cmuipcm-content-cntr__row-wrapper
.cmuipcm-meta-data__description{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-
d-content-neutral-secondary-alt)}.cmuipcm-content-cntr__row-wrapper
.cmuipcm-price-row__range,.cmuipcm-content-cntr__row-wrapper                .cmuipcm-price-row__range
.price-container[size="small"]{font:var(--bing-smtc-text-global-caption1-strong)}
merce-ui-product-card-medium-tp
.cmuipcm-content-cntr__title{margin-bottom:unset}.cmuipcm-price-row{display:flex;flex-direction:row;align
-items:center;gap:var(--smtc-gap-between-content-xx-small)}.cmuipcm-price-row.cmuipcm-price-row--install
ment{align-items:flex-start;flex-direction:column;gap:var(--smtc-gap-between-content-xxx-small)}.cmuipcm-
price-row.cmuipcm-price-row--installment                .cmuipcm-price-row__og-price
.price-container[size="small"]{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-c
ontent-neutral-tertiary)}.cmuipcm-price-row
.price-container[size="small"]{font:var(--bing-smtc-text-global-caption1-strong)}.cmuipcm-price-row__range
{display:flex;flex-direction:row;align-items:center;gap:var(--smtc-gap-between-content-xx-small)}.cmuipcm-
price-row__cur-price
.price-container[color="neutral"]{font:var(--bing-smtc-text-global-caption1-strong);color:var(--smtc-foregrou
nd-content-neutral-primary)}.cmuipcm-price-row:not(.cmuipcm-price-row--installment)
.cmuipcm-price-row__lw-price
.price-container[color="neutral"]{font:var(--bing-smtc-text-global-caption1-strong);color:var(--smtc-status-su
ccess-tint-foreground)}.cmuipcm-price-row__og-price
.price-container[color="neutral"]{font:var(--bing-smtc-text-global-caption2);line-height:20px;text-decoration:l
ine-through;color:var(--bing-smtc-foreground-content-neutral-tertiary)}.cmuipcm-free-shipping{font-size:12p
x;line-height:16px;color:#0f7b0f}
merce-ui-image-wrapper{display:inline-block;position:relative;overflow:hidden}
merce-ui-image-wrapper__slideshow-container:hover                .b_overlay                .btn.rounded.next,
merce-ui-image-wrapper__slideshow-container:hover                .b_overlay                .btn.rounded.prev{display:block}
merce-ui-image-wrapper__slideshow-container                .b_overlay                .btn.rounded.next{right:0;display:none}
merce-ui-image-wrapper__slideshow-container                .b_overlay                .btn.rounded.prev{left:0;display:none}
merce-ui-image-wrapper__slideshow-container                .b_pager_overlay                .b_pager{line-height:8px;margin-top:8px}
merce-ui-image-wrapper__slideshow-container                .b_pager_overlay                .b_pager                teraction>ul
li{width:4px;height:4px;color:#e0e0e0;background-color:#e0e0e0;border:unset;margin:0                2px                2px}
merce-ui-image-wrapper__slideshow-container                .b_pager_overlay                .b_pager                teraction>ul
li.active{width:10px;border-radius:99px;background-color:#707070;color:#707070}
merce-ui-image-wrapper__slideshow-container                .b_pager_overlay                .b_pager                teraction>ul
li: hover: not(.active){width:4px;height:4px;background-color:#707070;color:#707070;margin:0                2px
2px}.price-container{display:-webkit-box;display:-webkit-flex;display:-moz-flex;display:-ms-flexbox;display:
flex;-webkit-box-direction:normal;-webkit-box-orient:horizontal;flex-direction:row;color:#242424;font-size:2
0px;line-height:22.4px;font-weight:600}.price-container[size="xx-small"]{font-size:12px;line-height:18px;fo

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font-weight:200}.price-container[size="x-small"]{font-size:14px;line-height:14px;font-weight:200}.price-contai
ner[size="small"]{font-size:16px;line-height:18px;font-weight:600}.price-container[size="medium"]{font-siz
e:20px;line-height:22.4px;font-weight:600}.price-container[size="large"]{font-size:24px;line-height:27.2px;f
ont-weight:600}.price-container[size="x-large"]{font-size:28px;line-height:27.3px;font-weight:600}.price-co
ntainer[color="neutral"],.price-container[discount-label-color="neutral"]
.price-container__discount-label{color:#242424}.price-container[color="accent-primary"],.price-container[dis
count-label-color="accent-primary"]
.price-container__discount-label{color:#128052}.price-container[color="accent-secondary"],.price-container[
discount-label-color="accent-secondary"]
.price-container__discount-label{color:#d63600}.price-container[color="subtle"],.price-container[discount-lab
el-color="subtle"]
.price-container__discount-label{color:#707070}.price-container[color="inverted"],.price-container[discount-l
abel-color="inverted"]
.price-container__discount-label{color:#fff}.price-container[color="accent-brand"],.price-container[discount-l
abel-color="accent-brand"] .price-container__discount-label{color:#2169eb}.price-container[strikethrough]
.price-container__currency,.price-container[strikethrough]
.price-container__integer,.price-container[strikethrough]
.price-container__cents,.price-container[strikethrough]
.price-container__decimal{text-decoration:line-through}.price-container[show-raised-cents]
.price-container__currency,.price-container[show-raised-cents]
.price-container__cents{vertical-align:top}.price-container[show-raised-cents]
.price-container__currency{margin-right:.1em;font-size:60%;line-height:1;transform:translate(0,10%)}.price-
container[show-raised-cents]
.price-container__cents{margin-left:.05em;font-size:60%;line-height:1;transform:translate(0,8%)}.price-conta
iner
.price-container__per-item-container{display:-webkit-box;display:-webkit-flex;display:-moz-flex;display:-ms-
flexbox;display:flex;-webkit-box-direction:normal;-webkit-box-orient:horizontal;flex-direction:row;-webkit-b
ox-align:end;-ms-flex-align:end;align-items:flex-end;color:#707070;padding-left:2px;column-gap:2px;font-w
eight:200}.price-container__discount-label{margin-left:.2em}.price-container[discount-label-position="top"]
:not([size="small"]):not([size="x-small"]):not([size="xx-small"])
.price-container__discount-label{vertical-align:top;font-size:60%;line-height:1;transform:translate(0,.1em)}.pr
ice-container[discount-label-position="bottom"]
.price-container__discount-label{margin-left:.2em;font-size:100% }
merce-ui-price{display:block}#slideexp1_CD8628 .slide { width: 200px; margin-right: 24px;
}#slideexp1_CD8628c .b_slidebar .slide { border-radius: 6px; }#slideexp1_CD8628 .slide:last-child {
margin-right: 0px; }#slideexp1_CD8628c .b_slidebar .slide[data-mini="1"] { display:none;
}GoGreenSolarComponents of Solar Power Systems - GoGreenSolar Here"s a full list of components of solar
power system! Before you start the installation, you should make sure you have all the solar system parts.

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Solar panels, also called solar modules, contain photovoltaic (PV) cells that generate electricity when exposed

to sunlight. The sunlight energizes the cells, causing electrons to move and ...

Discover the 7 essential components of solar panels, how they work together, and what to look for when choosing quality panels. Expert guide with testing data.

Solar panels, also known as photovoltaic panels, are the cornerstone of solar power systems. They consist of multiple solar cells, which capture sunlight and convert it into usable electricity. This ...

Explore solar panel components, from cells to inverters, and how they work together to power your home.

By the end of this article, you'll know what each solar component does--from panels and inverters to batteries, controllers, wiring, and mounting systems--and why it matters for your setup.

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