



# Solar panels and water pump inverters

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Title: Solar panels and water pump inverters

Generated on: 2026-05-19 14:15:20

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The definitive guide to solar water pumps. We cover how they work, how to size the right panels and pump for your project, costs, and installation. ...

A solar pump inverter is a specialized type of inverter designed to convert the DC (Direct Current) power generated by solar panels into AC (Alternating Current) power to drive water pumps.

Learn how a solar pump inverter converts solar energy into reliable AC power to run water pumps efficiently. Discover its benefits and applications. Solar power is ...

The higher the HP of an electric water pump, you'll typically need more solar panels and a larger inverter. An inverter takes power from incoming DC voltage and turns the power into AC voltage.

Grundfos offers a complete line of low-maintenance, solar-powered water pumps, solar inverters, and AC/DC power blenders that deliver unmatched flexibility for ...

How to Connect A Solar Panel to A Water Pump?Can I Connect A Solar Panel Directly to A Water Pump?How Many Solar Panels Does It Take to Run A Water Pump?Does A Solar Water Pump Need A Battery System?The list of items you need to connect a solar to a water pump include: 1. Solar panels-- You will have to calculate the amount of energy needed to fill the solar batteries. That number will change based on the size of the pump and the number of direct hours of sunlight that the solar panel array receives per day. 2. Solar Inverter-- the type of inver...See more on solvoltaics body> -saml-product-card-hoverable-overlay .line-clamp-expanded

```
.cmuipcm-content-cntr__title{-webkit-line-clamp:5!important;max-height:110px!important}.b_hide{display:none!important}.saml-container{margin:0 0;padding-bottom:var(--smtc-gap-between-content-medium)}#b_results>li.b_top.b_ans.b_topborder .saml-container{padding-bottom:0}.saml-container .acf-title-text{margin-right:4px}.acf-header-title,.acf-filters-container{margin-left:0}.saml-products-wrapper{position:relative;min-height:200px}.saml-product-card-container,.saml-product-card-container
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-height:200px;margin-bottom:16px}.saml-products-wrapper-slide
.slide{box-shadow:none!important;margin-right:16px!important;height:100%}.b_dark
.saml-products-wrapper-slide .slide{background-color:transparent!important}.saml-products-wrapper-slide
.b_overlay
.btn.rounded{width:36px;height:48px;border-radius:12px;display:flex;justify-content:center;align-items:cente
r;transition:opacity .5s;margin-top:unset;top:136px}.saml-products-wrapper-slide .b_overlay .btn.rounded
.bg{position:absolute;width:100%;height:100%;background:#fff;opacity:1;box-shadow:0 6px 12px 0
rgba(27,53,86,.08);border-radius:12px}.saml-products-wrapper-slide .b_overlay .btn.rounded
.vcac{position:relative;width:6.5px;height:12px;top:unset;background:url(data:image/svg+xml,%3Csvg%20x
mlns%3D%22http%3A%2F%2F%2F2000%2Fsvg%22%20fill%3D%22none%22%20viewBox%3D%220%200%207%2012%22%3E%3Cpath%20fill%3D%22%23242424%22%20d%3D%22M.6458.147A.5.5%200%2
00%201%201.353.145915.4845%205.465a.55.55%200%200%201%200%20.7792L1.353%2011.855a.5.5%20
0%200%201-.7058-.708415.1646-5.1462L.647.8542A.5.5%200%200%201%20.6458.147Z%22%2F%3E%3C
%2Fsvg%3E) center center no-repeat}.saml-products-wrapper-slide .b_overlay .btn.rounded .vcac
div{display:none}.saml-products-wrapper-slide .b_overlay
.btn.rounded.next{right:calc(-18px)}.saml-products-wrapper-slide .b_overlay
.btn.rounded.prev{left:calc(-18px)}.saml-products-wrapper-slide .b_overlay .btn.rounded.prev
.vcac{transform:rotate(180deg)}.saml-products-wrapper-slide .b_overlay
.btn.rounded.disabled{opacity:0}.saml-products-wrapper-slide .b_overlay .btn.rounded: hover
.bg{background:#eff4fa;opacity:1}.b_dark .saml-products-wrapper-slide .b_overlay .btn.rounded
.bg{background:#292827;box-shadow:0 6px 12px 0 rgba(0,0,0,.24)}.b_dark .saml-products-wrapper-slide
.b_overlay .btn.rounded
.vcac{background:url(data:image/svg+xml,%3Csvg%20xmlns%3D%22http%3A%2F%2F%2F2000%2Fsvg%
22%20fill%3D%22none%22%20viewBox%3D%220%200%207%2012%22%3E%3Cpath%20fill%3D%22%
23ffffff%22%20d%3D%22M.6458.147A.5.5%200%200%201%201.353.145915.4845%205.465a.55.55%200
%200%201%200%20.7792L1.353%2011.855a.5.5%200%200%201-.7058-.708415.1646-5.1462L.647.8542A.
5.5%200%200%201%20.6458.147Z%22%2F%3E%3C%2Fsvg%3E) 0 0 no-repeat}.b_dark
.saml-products-wrapper-slide .b_overlay .btn.rounded: hover
.bg{background:#2d3135;opacity:1}.saml-products-grid{display:grid;grid-template-columns:repeat(auto-fill,
minmax(200px,1fr));gap:24px}.saml-product-card-container{position:relative;display:block}.saml-product-ca
rd-container.saml-revealed-card{animation:fadeInExpand .3s ease-out
forwards}.saml-products-wrapper.saml-expanded .saml-products-grid{height:auto}@keyframes
fadeInExpand{from{opacity:0;transform:translateY(-10px)}to{opacity:1;transform:translateY(0)}}.saml-prod
uct-card-hoverable-template{display:none}.saml-footer{position:relative;height:36px;display:flex;justify-cont
ent:center;align-items:center;margin-top:16px}.saml-footer
.saml-see-all-link.acf-button{z-index:1}.saml-footer
.saml-footer-divider{width:100%;height:1px;background-color:#ddd;transform:translateY(-50%)} .b_dark
.saml-footer .saml-footer-divider{background-color:#545250}.saml-footer
.footer-divider-container{position:absolute;height:36px;width:100%;display:flex;align-items:center}.saml-foo
ter .acf-button{position:relative}body>
```



# Solar panels and water pump inverters

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-saml-product-card-hoverable-overlay.saml-hoverable-visible { opacity: 1 } body >
-saml-product-card-hoverable-overlay
merce-ui-product-card-medium__target-link { min-height: 100% }.saml-products-wrapper .saml-products-grid {
grid-template-columns: repeat(auto-fill, minmax(144px, 1fr));
}.acf-header-container { margin-bottom: 16px }.acf-header-title { display: flex }.acf-header-title:visited, .acf-header
-title: hover { color: var(--acf-fore-neutral-primary) !important }.acf-title-text { overflow: hidden; text-overflow: ellip
sis; white-space: nowrap; font-size: 20px; font-weight: 700; line-height: 26px; text-align: left; margin-right: 3px; color
: var(--acf-fore-neutral-primary) !important }.acf-header-title.acf_title_blue:visited, .acf-header-title.acf_title_blu
e: hover, .acf_title_blue .acf-title-text { color: var(--smtc-ctrl-link-foreground-brand-rest) !important } body
#b_content #b_pole .pa_carousel_mlo .pa_carousel_ml
.acf-filters-container { padding-left: var(--polepadl) } #b_content
#filtersContainer.acf-filters-container { position: relative; margin-bottom: 16px } #b_content
#filtersContainer.acf-filters-container
.slide { width: unset; height: 38px; max-width: 180px; box-shadow: none !important; border: 1px solid
rgba(0,0,0,.1); border-radius: 38px; padding: 0 16px 0 4px; margin-right: 8px !important } #b_content
#filtersContainer.acf-filters-container .slide
.acf-item-header { display: flex; height: 100%; justify-content: center; align-items: center; gap: 8px } #b_content
#filtersContainer.acf-filters-container .slide .acf-item-header
.acf-item-title { overflow: hidden; color: #202020; text-overflow: ellipsis; white-space: nowrap; font-size: 13px; font-
weight: 700; line-height: 20px } #b_content #filtersContainer.acf-filters-container .slide
.acf-item-header > img { border-radius: 50% } #b_content #filtersContainer.acf-filters-container .slide
.acf-item-header .acf-item-title-no-image { margin-left: 12px } #b_content #filtersContainer.acf-filters-container
.slide .acf-item-header: hover { text-decoration: none }.b_dark #b_content #filtersContainer.acf-filters-container
.slide, .b_drk #b_content #filtersContainer.acf-filters-container
.slide { background-color: transparent; border-color: rgba(255,255,255,.1) }.b_dark #b_content
#filtersContainer.acf-filters-container .slide .acf-item-title, .b_drk #b_content
#filtersContainer.acf-filters-container .slide .acf-item-title { color: #d7d7d7 } #b_content
#filtersContainer.acf-filters-container
.slide: hover { background-color: var(--smtc-background-card-on-primary-default-hover) } #b_content
#filtersContainer.acf-filters-container
.slide: active { background-color: var(--smtc-background-card-on-primary-default-pressed) } #b_content
#filtersContainer.acf-filters-container .slide: focus::after { box-shadow: unset } #b_content
#filtersContainer.acf-filters-container .b_acf_card { width: 100%; height: auto } #b_content
#filtersContainer.acf-filters-container .b_acf_card .btn
.bg { width: 48px; height: 48px; background: linear-gradient(180deg, var(--bing-smtc-background-ctrl-fade-on-pri
mary-stop-0) 0%, var(--smtc-background-card-on-primary-default-rest) 60%); filter: blur(2px) } #b_content
#filtersContainer.acf-filters-container .b_acf_card .btn.next { right: -18px !important } #b_content
#filtersContainer.acf-filters-container .b_acf_card .btn.prev { left: -18px !important } #b_content
#filtersContainer.acf-filters-container .b_acf_card .vcac > div { margin-top: -21px } #b_content
#filtersContainer.acf-filters-container .b_acf_card .vcac
```

```
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var(--smtc-padding-ctrl-sm-horizontal-default)}.b_dark .acf-filters-container .acfdefaultchev
.cr:hover{background:#2d3135}.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 .b_viewport,.b_acf_crsl.hovexp.hovexpfix
.b_slidebar,#b_pole #tob_container .b_acf_crsl.hovexp.hovexpfix
.b_viewport{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
.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
.slide>{margin-bottom:var(--smtc-padding-ctrl-sm-text-top)!important}.b_colg_2xs
.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
.slide{margin-inline-end:var(--smtc-gap-between-content-small)!important}.b_rowg_s
.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
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.slide{margin-inline-end:var(--smtc-gap-between-content-xx-large)!important}.b_rowg_2xl
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.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:ab
solute;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}.
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
.btn{height:100%;position:absolute;width:20px;cursor:pointer;z-index:1;-moz-user-select:none;-khtml-user-se
lect:none;-webkit-user-select:none;-o-user-select:none;-ms-user-select:none;user-select:none}.b_overlay .btn
*{transition:opacity .3s linear}.b_overlay .btn
.bg{position:absolute;width:100%;height:100%;background-color:#444;opacity:.3;filter:alpha(opacity=30)}.b
_overlay .btn.nobg .bg{background-color:transparent}.b_overlay .btn:hover
.bg{opacity:.7;filter:alpha(opacity=70)}.b_overlay .btn.nohover:hover
.bg{opacity:.3;filter:alpha(opacity=30)}.b_overlay .btn.disabled .bg,.b_overlay .btn.nohover.disabled
.bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.hidden .bg,.b_overlay .btn.nohover.hidden
.bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.disabled,.b_overlay
.btn.hidden{cursor:default}.b_overlay .btn .cr{text-align:center;line-height:0}.b_overlay
.btn.bld.polecarchev.hidden .cr,.b_overlay .btn.bld.polecarchev.disabled .cr,.b_overlay
.btn.bld.rounded.hidden .cr,.b_overlay .btn.bld.rounded.disabled .cr,.b_overlay .btn.bld.bigrounded.hidden
.cr,.b_overlay .btn.bld.bigrounded.disabled .cr{opacity:.01;visibility:unset}.b_overlay .btn.hidden
.cr,.b_overlay .btn.disabled .cr{visibility:hidden}.b_overlay .btn.prev.ltr .cr,.b_overlay .btn.next.rtl
.cr{transform:scaleX(-1)}.b_overlay .btn.next{right:0}.b_overlay .btn .cr>div{background-size:40px
200px;background-repeat:no-repeat;width:20px;height:40px;background-position:-10px 0}.b_overlay .btn
.cr>div{background-image:url(/rp/S9IIHAMBy7JxaR5m1KRvMwDswyw.png)}.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
.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}}.b_overlay
.btn.bld.prev{left:-20px}.b_overlay
.btn.bld.next{right:-20px}.slide.b_crslitm.b_sldfitcont{width:fit-content}[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-radius:var(--mai-smtc-corner-card-default)}
merce-ui-product-card-medium__target-link{display:flex;flex-direction:column;color:inherit;text-decoration:none}
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;background-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;backface-visibility:hidden}
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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-height;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-height,opacity;overflow:hidden}
merce-ui-product-card-medium--hoverable
.cmuipcm-image-cntr,
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;tr
ansition-timing-function:cubic-bezier(.4,0,.2,1);opacity:0;will-change:max-height,opacity;overflow:hidden}
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;o
pacity: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)}.cmuip
cm-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
```



# Solar panels and water pump inverters

```
: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-rtss{gap:var(--smtc-gap-between-content-xxx-small);font-size:13px;line-height:20px}.cm
uipcm-rating-badge
.ratingv2.snrnt.small-rtss
.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
pacity: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-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--installment{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-content-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-foreground-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-success-tint-foreground)}.cmuipcm-price-row__og-price
.price-container[color="neutral"]{font:var(--bing-smtc-text-global-caption2);line-height:20px;text-decoration:line-through;color:var(--bing-smtc-foreground-content-neutral-tertiary)}.cmuipcm-free-shipping{font-size:12px;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:20px;line-height:22.4px;font-weight:600}.price-container[size="xx-small"]{font-size:12px;line-height:18px;font-weight:200}.price-container[size="x-small"]{font-size:14px;line-height:14px;font-weight:200}.price-container[size="small"]{font-size:16px;line-height:18px;font-weight:600}.price-container[size="medium"]{font-size:20px;line-height:22.4px;font-weight:600}.price-container[size="large"]{font-size:24px;line-height:27.2px;font-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}
merce-ui-product-card-medium--hoverable merce-ui-image-wrapper__slideshow-container,
merce-ui-product-card-medium--hoverable acf-carousel-pbp{width:100%;height:100%}
merce-ui-product-card-medium--hoverable .cmuipcm-image-cntr
acf-carousel-pbp{position:relative;padding-inline:unset;padding-block-start:unset}
merce-ui-product-card-medium--hoverable .cmuipcm-image-cntr acf-carousel-pbp
.acf-carousel-pbp__nav{position:absolute;bottom:var(--smtc-gap-between-content-x-small);padding-block:uns
et}
merce-ui-product-card-medium--hoverable .cmuipcm-image-cntr acf-carousel-pbp
.acf-carousel-pbp__nav>ol li:nth-child(2){display:none}
merce-ui-product-card-medium--hoverable
.cmuipcm-image-cntr acf-carousel-pbp acf-button-overlay{display:none}
merce-ui-product-card-medium--hoverable .cmuipcm-image-cntr acf-carousel-pbp
.acf-carousel-pbp__item{overflow:hidden}acf-carousel-pbp{display:block;block-size:100%;position:relative}
acf-carousel-pbp,acf-carousel-pbp::before,acf-carousel-pbp::after,acf-carousel-pbp
*,acf-carousel-pbp
*::before,acf-carousel-pbp

```

```

*::after{ box-sizing:border-box;margin:0;padding:0} acf-carousel-pbp[hidden],acf-carousel-pbp
*[hidden]{ display:none } acf-carousel-pbp[data-visually-hidden],acf-carousel-pbp
*[data-visually-hidden]{ block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap }.acf-carousel-pbp__scroll-contain
er{ block-size:100%;overflow-x:auto;overflow-y:clip;scroll-snap-type:x
mandatory;scroll-behavior:smooth;-ms-overflow-style:none;scrollbar-width:none }.acf-carousel-pbp__scroll-c
ontainer::-webkit-scrollbar{ display:none }.acf-carousel-pbp__scroll-container:focus-visible{ outline-width:2px;
outline-style:solid;outline-color:var(--smtc-ctrl-focus-outer-stroke);outline-offset:2px }.acf-carousel-pbp__list{
block-size:100%;display:flex }.acf-carousel-pbp__list>*{ min-inline-size:0;flex-shrink:0;flex-grow:0 }.acf-carou
sel-pbp__list>*:not(li.acf-carousel-pbp__item){ display:none!important }.acf-carousel-pbp__item{ block-size:
100%;inline-size:100%;scroll-snap-align:center;scroll-snap-stop:always }.acf-carousel-pbp__item:first-of-type
{ scroll-snap-align:start }.acf-carousel-pbp__item:last-of-type{ scroll-snap-align:end }.acf-carousel-pbp__item>i
mg{ display:block;block-size:100%;inline-size:auto;max-inline-size:100%;object-fit:cover;object-position:cent
er }.acf-carousel-pbp__play,.acf-carousel-pbp__pause{ position:absolute;inset-block-start:var(--smtc-gap-betw
een-content-small);inset-inline-start:var(--smtc-gap-between-content-small)}.acf-carousel-pbp__play:has(butt
on[aria-disabled="true"]),.acf-carousel-pbp__pause:has(button[aria-disabled="true"]){ block-size:1px;inline-si
ze:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap }.acf-carousel-pbp__nav{ inline-si
ze:max-content }.acf-carousel-pbp__nav>ol{ display:grid;grid-auto-flow:column;align-items:stretch;gap:var(--
smtc-gap-between-content-x-small)}.acf-carousel-pbp__nav>ol>*{ min-inline-size:0;max-inline-size:100% } ac
f-carousel-pbp[data-style="FullBleed"]
.acf-carousel-pbp__nav{ position:absolute;inset-block-end:var(--smtc-gap-between-content-x-small);inset-inlin
e-start:50%;transform:translateX(-50%) } acf-carousel-pbp[data-style="FullBleed"][data-single-item]
.acf-carousel-pbp__nav{ display:none } [dir="rtl"] acf-carousel-pbp[data-style="FullBleed"]
.acf-carousel-pbp__nav{ transform:translateX(50%) } acf-button-overlay{ display:block;inline-size:fit-content;m
ax-inline-size:100% } acf-button-overlay,acf-button-overlay::before,acf-button-overlay::after,acf-button-overla
y
* ,acf-button-overlay
*::before,acf-button-overlay
*::after{ box-sizing:border-box;margin:0;padding:0} acf-button-overlay[hidden],acf-button-overlay
*[hidden]{ display:none } acf-button-overlay[data-visually-hidden],acf-button-overlay
*[data-visually-hidden]{ block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap }.acf-button-overlay__btn{ color:v
ar(--color);background-color:var(--background-color);border:1px
solid
var(--border-color);border-radius:var(--smtc-corner-circular);padding-block:var(--smtc-gap-between-content-x
x-small);padding-inline:var(--bing-smtc-padding-ctrl-xs-horizontal);display:grid;grid-auto-flow:column;align-
items:center;gap:var(--smtc-gap-between-content-xxx-small);cursor:pointer }.acf-button-overlay__btn>*{ min-
inline-size:0;max-inline-size:100% }.acf-button-overlay__btn[aria-disabled="true"]{ opacity:.3;cursor:not-allo
wed }.acf-button-overlay__btn:focus-visible{ outline-width:2px;outline-style:solid;outline-color:var(--smtc-ctrl
-focus-outer-stroke);outline-offset:2px }.acf-button-overlay__label{ white-space:nowrap;text-overflow:ellipsis;
overflow:clip;max-block-size:calc(1*1lh);padding-inline-end:var(--bing-smtc-padding-ctrl-xs-horizontal)} acf-
button-overlay[data-style="AlwaysDark"]{ --color:var(--mai-smtc-foreground-ctrl-on-image-rest);--backgroun
d-color:var(--mai-smtc-background-ctrl-on-image-rest);--border-color:var(--smtc-stroke-ctrl-on-neutral-rest)} a
cf-button-overlay[data-style="AlwaysDark"]

```

# Solar panels and water pump inverters

```
.acf-button-overlay__btn:hover:not([aria-disabled="true"]){--color:var(--mai-smtc-foreground-ctrl-on-image-r
est);--background-color:var(--mai-smtc-background-ctrl-on-image-hover);--border-color:var(--smtc-stroke-ctrl
-on-neutral-rest)}acf-button-overlay[data-style="AlwaysDark"]
.acf-button-overlay__btn:active:not([aria-disabled="true"]){--color:var(--mai-smtc-foreground-ctrl-on-image-r
est);--background-color:var(--mai-smtc-background-ctrl-on-image-hover);--border-color:var(--smtc-stroke-ctrl
-on-neutral-rest)}acf-button-overlay[data-style="AlwaysDark"]
.acf-button-overlay__btn:active:not([aria-disabled="true"])
.acf-button-overlay__icon,acf-button-overlay[data-style="AlwaysDark"]
.acf-button-overlay__btn:active:not([aria-disabled="true"])
.acf-button-overlay__label{opacity:.6}acf-icon{display:block;inline-size:fit-content;max-inline-size:100%;poi
nter-events:none}acf-icon,acf-icon::before,acf-icon::after,acf-icon * ,acf-icon *::before,acf-icon
*::after{box-sizing:border-box;margin:0;padding:0}acf-icon[hidden],acf-icon
*[hidden]{display:none}acf-icon[data-visually-hidden],acf-icon
*[data-visually-hidden]{block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap}.acf-icon__def{display:none}.acf
-icon__icon{display:block;inline-size:auto;color:inherit}[dir="rtl"]
.acf-icon__icon{transform:scaleX(-1)}@media(forced-colors:active){acf-icon{color:ButtonText!important}}a
cf-icon[data-size="L"]
.acf-icon__icon{block-size:20px}acf-button-icon{display:block;inline-size:fit-content;max-inline-size:100%}
acf-button-icon,acf-button-icon::before,acf-button-icon::after,acf-button-icon * ,acf-button-icon
*::before,acf-button-icon
*::after{box-sizing:border-box;margin:0;padding:0}acf-button-icon[hidden],acf-button-icon
*[hidden]{display:none}acf-button-icon[data-visually-hidden],acf-button-icon
*[data-visually-hidden]{block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap}.acf-button-icon__btn,.acf-button
-icon__link{color:var(--color)!important;background-color:var(--background-color);border:1px solid
var(--border-color);display:grid;place-content:center;cursor:pointer;text-decoration:none!important;inline-size
:max-content}.acf-button-icon__btn>*,.acf-button-icon__link>*{min-inline-size:0;max-inline-size:100%}.acf
-button-icon__btn[aria-disabled="true"],.acf-button-icon__link[aria-disabled="true"]{opacity:.3;cursor:not-all
owed}.acf-button-icon__btn:focus-visible,.acf-button-icon__link:focus-visible{outline-width:2px;outline-style
:solid;outline-color:var(--smtc-ctrl-focus-outer-stroke);outline-offset:2px}acf-button-icon[data-ghost]:not([dat
a-style="Overlay"]){--color:var(--bing-smtc-foreground-content-brand-rest);--background-color:transparent;--
border-color:transparent}acf-button-icon[data-size="Small"]
.acf-button-icon__btn,acf-button-icon[data-size="Small"]
.acf-button-icon__link{border-radius:var(--smtc-corner-ctrl-sm-rest);padding-block:var(--smtc-gap-between-c
ontent-xx-small);padding-inline:var(--bing-smtc-padding-ctrl-xs-horizontal)}acf-button-icon[data-style="Over
lay"]{--color:var(--mai-smtc-foreground-ctrl-on-image-rest);--background-color:var(--mai-smtc-background-c
trl-on-image-rest);--border-color:transparent}acf-button-icon[data-style="Overlay"]
.acf-button-icon__btn:hover:not([aria-disabled="true"]),acf-button-icon[data-style="Overlay"]
.acf-button-icon__link:hover:not([aria-disabled="true"]){--color:var(--mai-smtc-foreground-ctrl-on-image-rest
);--background-color:var(--mai-smtc-background-ctrl-on-image-rest);--border-color:transparent}acf-button-ic
on[data-style="Overlay"]
```

```
.acf-button-icon__btn:active:not([aria-disabled="true"]),acf-button-icon[data-style="Overlay"]
.acf-button-icon__link:active:not([aria-disabled="true"]){--color:var(--bing-smtc-foreground-ctrl-on-image-alt
-rest);--background-color:var(--mai-smtc-background-ctrl-on-image-rest);--border-color:transparent}acf-icon[
data-size="M"]
.acf-icon__icon{block-size:16px}acf-carousel-pbp-progress{block-size:100%;display:grid;place-content:cente
r;font:var(--bing-smtc-text-global-caption2)}acf-carousel-pbp-progress,acf-carousel-pbp-progress::before,acf-
carousel-pbp-progress::after,acf-carousel-pbp-progress
*::before,acf-carousel-pbp-progress
*::after{box-sizing:border-box;margin:0;padding:0}acf-carousel-pbp-progress[hidden],acf-carousel-pbp-progr
ess
*[hidden]{display:none}acf-carousel-pbp-progress[data-visually-hidden],acf-carousel-pbp-progress
*[data-visually-hidden]{block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap}acf-carousel-pbp-progress>{*mi
n-inline-size:0;max-inline-size:100%}acf-carousel-pbp[data-style="FullBleed"]
acf-carousel-pbp-progress{color:var(--mai-smtc-foreground-ctrl-on-image-rest);background-color:var(--mai-s
mtc-background-ctrl-on-image-rest);border-radius:var(--smtc-corner-ctrl-sm-rest);padding-inline:var(--smtc-g
ap-between-content-x-small)}.acf-button-container{display:flex;flex-direction:row;gap:8px;flex-wrap:nowrap
;overflow-x:auto;padding-bottom:4px;-ms-overflow-style:none;scrollbar-width:none}.acf-button-container::-
webkit-scrollbar{display:none}.acf-button,.acf-button__button,.acf-button__link{display:inline-flex;align-ite
ms:center;justify-content:center;border-radius:8px;font-size:13px;font-weight:700;white-space:nowrap;cursor:
pointer;transition:all
.1s
ease-in-out;padding:6px
16px;line-height:20px;gap:4px;background-color:var(--bing-smtc-background-card-on-primary-alt-rest);color:
var(--bing-smtc-foreground-content-brand-rest)!important}.acf-button:hover:not(.acf-button--disabled),.acf-bu
tton__button:hover:not(.acf-button--disabled),.acf-button__link:hover:not(.acf-button--disabled){background-
color:var(--bing-smtc-background-card-on-primary-alt-hover);color:var(--smtc-foreground-ctrl-neutral-primar
y-hover)!important}.acf-button:active:not(.acf-button--disabled),.acf-button__button:active:not(.acf-button--di
sabled),.acf-button__link:active:not(.acf-button--disabled){background-color:var(--bing-smtc-background-car
d-on-primary-alt-pressed);color:var(--smtc-foreground-ctrl-neutral-primary-pressed)!important}.acf-button.acf-
button--selected,.acf-button__button.acf-button--selected,.acf-button__link.acf-button--selected{background-
color:var(--bing-smtc-background-ctrl-brand-rest);color:var(--smtc-foreground-ctrl-on-brand-rest)!important}.
acf-button.acf-button--selected:hover:not(.acf-button--disabled),.acf-button__button.acf-button--selected:hove
r:not(.acf-button--disabled),.acf-button__link.acf-button--selected:hover:not(.acf-button--disabled){backgroun
d-color:var(--smtc-background-ctrl-brand-hover);color:var(--smtc-foreground-ctrl-on-brand-hover)!important
}.acf-button.acf-button--selected:active:not(.acf-button--disabled),.acf-button__button.acf-button--selected:act
ive:not(.acf-button--disabled),.acf-button__link.acf-button--selected:active:not(.acf-button--disabled){backgro
und-color:var(--smtc-background-ctrl-brand-pressed);color:var(--smtc-foreground-ctrl-on-brand-pressed)!imp
ortant}.acf-button.acf-button--disabled,.acf-button__button.acf-button--disabled,.acf-button__link.acf-button--
disabled{opacity:.3;cursor:not-allowed}.acf-button:focus-visible,.acf-button__button:focus-visible,.acf-button
__link:focus-visible{outline:2px
solid
#323130;outline-offset:2px}.acf-button__button{border:0}.acf-button__link:link,.acf-button__link:visited,.acf-
button__link:hover,.acf-button__link:active{text-decoration:none!important}.acf-button__text{display:inline-
flex}.acf-button__icon{display:inline-flex;align-items:center;justify-content:center}.acf-button__icon
img,.acf-button__icon svg{width:16px;height:16px}#slideexp0_8D06B5 .slide:last-child { margin-inline-end:
```



# Solar panels and water pump inverters

0; } #slideexp0\_8D06B5 .slide>\*:last-child { margin-bottom: unset !important; } .b\_acf\_crs1 #slideexp0\_8D06B5c .b\_slidebar .slide { box-shadow: unset; -webkit-box-shadow: unset; } .b\_acf\_crs1.hovexp #slideexp0\_8D06B5c.b\_slideexp .b\_overlay .b\_slidesContainer { overflow: visible !important; } .b\_acf\_crs1.hovexp #slideexp0\_8D06B5c.b\_slideexp .b\_overlay .b\_viewport, .b\_acf\_crs1.hovexp #slideexp0\_8D06B5c.b\_slideexp .b\_viewport { padding-top: 12px !important; margin-top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px !important; } .b\_acf\_crs1.hovexp.hovexpfix #slideexp0\_8D06B5c.b\_slideexp .b\_overlay .b\_viewport { padding-bottom: 24px !important; margin-bottom: -24px !important; }Shop Solar Panels and Water Pump InvertersPure Sine Wave InverterPower Inverters for Solar PanelsGrowatt InverterSchneider Solar InverterInvt Solar Pump Inverter5000w InverterWell Pump InverterOff Grid InverterHuawei InverterSunGrow InverterLarge Solar Water Pump System With 18.5KW Supporting Inverter Solar PanelAAlibaba \$4,700Large Solar Water Pump System With 18.5KW Supporting Inverter Solar PanelAAlibaba \$4,700Sungold Power Solar Kit 3000W 24V Inverter 120V Output Lithium Battery 800 Watt Solar PanelOOffGrid Living Solutions\$2,485PlayPausePreviousNextSungold Power Solar Kit 3000W 24V Inverter 120V Output Lithium Battery 800 Watt Solar PanelOOffGrid Living Solutions\$2,485Custom Hybrid Inverter Panel Solar Pump The Water Brushless Surface Solar Water PumpAAlibaba \$71Free shippingCustom Hybrid Inverter Panel Solar Pump The Water Brushless Surface Solar Water PumpAAlibaba \$71Free shippingBluesun Best Quality Solar Panel Inverter System Submersible Water Pump For Agriculture IrrigationAAlibaba \$182.32Bluesun Best Quality Solar Panel Inverter System Submersible Water Pump For Agriculture IrrigationAAlibaba \$182.32High Energy Efficiency 4 Inch Solar Water Pump With Solar Panel Controller InverterAAlibaba \$107High Energy Efficiency 4 Inch Solar Water Pump With Solar Panel Controller InverterAAlibaba \$107Brand New 3000W 4000W 5500W Solar Water Pump Inverter Off Grid Power Inverter With IP65 Protection For Solar Pump SystemAAlibaba \$387Brand New 3000W 4000W 5500W Solar Water Pump Inverter Off Grid Power Inverter With IP65 Protection For Solar Pump SystemAAlibaba \$387Mpp Solar Inverter For Water Pump Water Pump Solar Panel Inverter 11Kw Water Pump InverterAAlibaba \$487Mpp Solar Inverter For Water Pump Water Pump Solar Panel Inverter 11Kw Water Pump InverterAAlibaba \$487Factory Price Solar Panel Inverter 1.5Kw Solar Submersible Water Pump DC VFD Single Phase InverterAAlibaba \$78Factory Price Solar Panel Inverter 1.5Kw Solar Submersible Water Pump DC VFD Single Phase InverterAAlibaba \$78AEO Solar Panel And Water Pump KIT(Pump KIT/6W+69Gph+Battery)Ffb.kriblink \$21.69\$75.99AEO Solar Panel And Water Pump KIT(Pump KIT/6W+69Gph+Battery)Ffb.kriblink \$21.69\$75.99Solar Water Pump Home Single 5Kw Low Frequency Off Grid 48Vdc 230Vac Hybrid Inverter Built In TransformerAAlibaba \$193Solar Water Pump Home Single 5Kw Low Frequency Off Grid 48Vdc 230Vac Hybrid Inverter Built In TransformerAAlibaba \$193Bluesun Solar Panel Inverter Mounting System Submersible Water Pump For Agriculture Irrigation Home Use In AfricaAAlibaba \$182.32Bluesun Solar Panel Inverter Mounting System Submersible Water Pump For Agriculture Irrigation Home Use In AfricaAAlibaba \$182.32High Quality 3.5-5Kw Off Grid Solar Water Pump Inverter Good For Pumping WaterAAlibaba \$387Free shippingHigh Quality 3.5-5Kw Off Grid Solar Water Pump Inverter Good For Pumping WaterAAlibaba \$387Free shippingSee allINVTGD100-PV Series Solar Water Pump VFD - INVTINVT GD100-PV solar pump inverter is specially designed for photovoltaic (PV) water pump systems. It is suitable for agricultural irrigation, water supply in ...

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alternating current, thereby driving various AC motor water pumps (centrifugal pump, irrigation ...

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