

Solar water pump solar power generation installation





Overview

How do you design a solar water pumping system?

When designing a solar pumping system, the designer must match the individual components together. A solar water pumping system consists of three major components: the solar array, pump controller and electric water pump (motor and pump) as shown in Figure 1.

What are the components of a solar water pumping system?

A solar water pumping system consists of three major components: the solar array, pump controller and electric water pump (motor and pump) as shown in Figure 1. Note: Motor and pump are typically directly connected by one shaft and viewed as one unit, however occasionally belts or gears may be used to interconnect the two shafts.

How to choose a solar water pumping system?

The type of solar water pumping system: borehole/well (submerged), floating or surface will depend on the water source. If the source is a borehole (proposed or existing) or deep well, then a submersible pump that fits the borehole or well should be selected. If the water source is a river, then a surface pump should usually be selected.

How do I set up a solar pumping system?

Solar pumping systems rely on consistent solar energy. Determine the solar irradiation for the site on both an annual and monthly basis. Use this data to calculate the power requirements for the pump and size the solar array. Tools like solar irradiance maps or online calculators can provide location-specific insights. Step 3: Select Water Pipes



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How to Install a Solar Water Pump

Tools Needed For Installing Solar Water PumpsSetting Up The Solar PanelsWiring Your Solar PumpMounting The Solar Water PumpFAQsAfter connecting the solar water pump to the controller, connect a long pipe to the pump. Then you may connect that pipe to a storage tank or use it to pump water directly to wherever you need it. The way you'll mount your solar-powered water pump largely depends on the type of pump. If it's a submersible pump, you'll have to place it in a well in See more on solariflex #b_results .b_vidAns{border-radius:6px;box-shadow:0 0 1px rgba(0,0,0,.05);padding:16px 20px;gap:10px;background:#fff}@charset "UTF-8";#b_results .b_ans.b_vidAns{box-shadow:none!important;padding:var(--smtc-gap-between-content-medium) 0!important;background:var(--bing-smtc-background-ctrl-fade-on-image-stop-0)}#b_results .b_ans.b_vidAns #serpvvidans.vsacf .mc_vtvc,#b_results .b_ans.b_vidAns #serpvvidans.vsacf .mc_vtvc_th,#b_results .b_ans.b_vidAns #serpvvidans.vsacf .cico,#b_results .b_ans.b_vidAns



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radius:6px}.cardless.mmllist .mc_vtvc_th{height:111px}.cardless.mmllist .mc_vtvc_htc{border-
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0%;overflow:hidden;position:absolute;top:0}.mc_vtvc_meta_bg_w .cico,.mc_vplvc_meta_bg_w
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.mc_vtvc_meta{background:rgba(255,255,255,.75)}.mc_vtvc_meta_bg_w img,.mc_vtvc_meta_bg_w
.mc_vtvc_cb_w{filter:blur(25px);transform:scale(1.2)}body{--video-metadata-channel-
color:#3c3c3c}body.b_dark{--video-metadata-channel-color:unset}.vsarf
.mc_vtvc_meta_pubdate{color:unset}.vsarf .mc_vtvc_meta_channel{color:var(--video-metadata-
channel-color)}.vsarf .mc_vtvc .mc_vtvc_meta_w .mc_vtvc_title,.vsarf .mc_vtvc .mc_vtvc_meta_w
.mc_vtvc_title strong{font-weight:bold}.vsarf .mc_vtvc_meta_w .mc_vtvc_meta_row{font-
size:13px}.emptyStyleForDebuggingPurpose{top:0}.vsarf .mc_vtvc_th .cico{height:132px}.emptyS
tyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggin
gPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0
}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0}.vtbc
.mv_vtvc_play{display:inline-
block;position:absolute;bottom:8px;left:9px;height:8px;width:7px}.vtbc
.mv_vtvc_play_ext{background:url(/rp/Lp38sn_O4jegSK0IHxZVxyp-yKQ.png) -172px
-31px;display:inline-block;height:8px;width:12px;position:absolute;bottom:8px;left:6px}.vtbc
.pivot{height:20px;width:8px;min-width:8px}.vtbc .mv_vtvc_play{background:url(data:image/png;b
ase64,iVBORw0KGgoAAAANSUheUgAAAAcAAAAIBAMAAADHKvg1AAAAIVBMVEX//////////
/////////9/gMdvAAACnRSTIMAETNEVWAlmbvuo4D1oAAAAB9JREFUCB1jmMoABKuaQcSqQhCxKgFG
gLhNQLkpQAwA8zkLyQAI6F0AAAAASUVORK5CYII=)}.mc_bc_w{height:18px;padding:8px;text-
align:right}.mc_bc{background-color:rgba(0,0,0,.75);padding:2px 8px;line-height:14px;color:#fff;di
splay:inline-block;vertical-align:middle;border-radius:2px;font-weight:bold}.mc_bc_w .pivot{text-
align:center;margin-right:1px;height:14px}.vsarr .mmgrid .mc_bc_w .mc_bc{background-color:rgba
(0,0,0,.75);opacity:1}.mmsi{height:16px;width:16px;position:relative;top:5px;padding-right:var(--s
mtc-gap-between-content-xx-small)}.mmsi-microsoftnews,.mmsi-msn{top:3px}.vrhdata{display:no
ne}.mmgrid>div{width:197px;display:inline-block;margin-right:8px;margin-bottom:8px;box-
shadow:0 0 0 1px rgba(0,0,0,.05);position:relative;vertical-align:top;overflow:hidden;white-
space:normal;border-radius:6px}.vsarr .mmgrid>div,.vsarr1stbig .mmgrid>div{margin-
right:8px;margin-bottom:8px}#serpvidansrr .mc_vtvc .mc_vtvc_meta{height:auto}#serpvidansrr
.mc_vtvc .mc_vtvc_title{display:-webkit-box;-webkit-line-clamp:2;-webkit-box-
orient:vertical}.mmgrid .mc_tc{border:0}.vsa .mmgrid>div:nth-child(3n){margin-right:0}.vsa
.b_moreLink{padding-top:4px}#serpvidansrr .mc_vtvc_meta_row{line-height:18px;font-
size:100%;height:17px}.vsarr .mmgrid>div:nth-child(2n){margin-right:0}#serpvidansrr .mc_vtvc
.vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:128px}.vsarr1stbig .mmgrid>div:nth-child(2){margin-
right:0}#serpvidansrr.uipolish .mc_vtvc_meta_pubdate,#serpvidansrr.uipolish
```



```
.mc_vtvc_meta_channel,#serpvidansrr.uipolish #vidans2 .b_videocard .video_metadata
.video_source{color:#767676}#serpvidansrr #vidans2 .b_videocard
.video_metadata_container,#serpvidansrr #vidans2 .b_videocard .video_metadata_container
.video_metadata>h3{width:100%}@media(max-width:1362.9px){#serpvidansrr
.mmgrid>div{width:168px;height:206px}#serpvidansrr .mmgrid>div .cico,#serpvidansrr
.mmgrid>div .cico .rms_img{width:168px;height:100px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:12px}#serpvidansrr .mc_vtvc .mc_vtvc_title{height:32px;line-
height:16px;margin-bottom:16px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:34px}#serpvidansrr .mc_vtvc_meta_row{line-height:15px;font-
size:13px;height:15px}#serpvidansrr .mc_vtvc_meta_pubdate{padding-bottom:4px}#serpvidansrr
.mc_vtvc .vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:114px}#serpvidansrr #vidans2 .b_videocard
.videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico,#serpvidansrr #vidans2
.b_videocard .videoPlayer .cico .rms_img{width:343px!important;height:194px!important;margin-
right:0}}@media(max-width:1274.9px){#serpvidansrr
.mmgrid>div{width:124px;height:164px}#serpvidansrr .mmgrid>div .cico,#serpvidansrr
.mmgrid>div .cico .rms_img{width:124px;height:76px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:8px}#serpvidansrr .mc_vtvc .mc_vtvc_title{height:32px;line-
height:16px;margin-bottom:12px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:28px}#serpvidansrr .mc_vtvc_meta_row{line-height:13px;font-
size:11px;height:13px}#serpvidansrr .mc_vtvc_meta_pubdate{padding-bottom:2px}#serpvidansrr
.mc_vtvc .vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:96px}#serpvidansrr #vidans2 .b_videocard
.videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico,#serpvidansrr #vidans2
.b_videocard .videoPlayer .cico .rms_img{width:256px!important;height:144px!important;margin-
right:0}#serpvidansrr .maskthumb .mc_bc_w{padding:8px 4px 4px
8px}}#serpvidansrr.withsplitline .mmgrid>div:nth-last-child(1),#serpvidansrr.withsplitline
.mmgrid>div:nth-last-child(2){margin-bottom:24px}#serpvidansrr.withsplitline .mmgrid{border-
bottom:1px solid #ecec; margin-bottom:16px}#serpvidansrr #vidans2 .b_videocard
.video_metadata{max-width:auto;padding:12px 16px}#serpvidansrr #vidans2
.b_videocard{margin-bottom:12px;box-shadow:0 0 1px rgba(0,0,0,.05),0 2px 3px
rgba(0,0,0,.1);border-radius:6px}#serpvidansrr .b_rich{padding-top:0}#serpvidansrr #vidans2
.videoPlayer{border-radius:6px 6px 0 0;overflow:hidden}#serpvidansrr #vidans2 .b_videocard .vid
eo_metadata>h3{white-space:nowrap;overflow:hidden;text-overflow:ellipsis;-webkit-line-clamp:1;li
ne-height:15px;height:15px;font-size:13px;color:#000;margin-bottom:20px;font-
family:Arial,Helvetica,Sans-Serif;font-style:normal;display:block}#serpvidansrr.vsarr1stbig
#vidans2 .b_videocard .video_metadata .actionmenu{display:none}#serpvidansrr #vidans2
.b_videocard .video_summary,#serpvidansrr #vidans2 .b_videocard .video_source{line-
height:15px}#serpvidansrr #vidans2 .b_videocard .videoPlayer .vtbc{right:0}.vrhc line.nhvpv
.pffvi,.vrhc line.nhvpv[data-tps="S"] .pffvt,.vrhc line.nhvpv[data-tps="M"] .pffvt,.vrhc
line.nhvpv[data-tps="L"] .pffvt{display:inline-flex}.vrhc line.nhvpv .vrhrc.pffv
.vrhc{display:none}.vrhc line.nhvpv .vrhrc.pffv .player_ol{background:var(--mai-smtc-background-
ctrl-on-image-hover);transition:background-color .5s;display:flex;align-items:center;justify-content:c
enter;padding:var(--smtc-gap-between-content-x-small);gap:var(--smtc-gap-between-content-x-
small);box-sizing:border-box}.mc_vtvc_th img{transition:all .3s ease-out}.nhvpv+.mc_vtvc_th img{
transform:scale(1.1)}.smtplayerhtml5{height:100%;width:100%;overflow:hidden}.smtplayerhtml5
video{min-height:100%;min-width:100%}.smtplayerhtml5 .videoplaying{background-color:#000}.s
mtplayerhtml5.hide{display:none}.pffvt{display:none;color:var(--mai-smtc-foreground-ctrl-on-imag
e-rest);font:var(--bing-smtc-text-global-
subtitle2-strong)}.pffvi{mask:url(/rp/ui07wU6K7FR_inzG7DRbP1i8fGo.svg) center no-repeat;mask-si
ze:12px;background:var(--bing-smtc-background-card-on-image-
default);width:20px;height:20px;flex-shrink:0;align-self:flex-start}[data-tps="L"]
.pffvt{font:var(--bing-smtc-text-global-subtitle2-strong)}[data-tps="L"]
.pffvi{width:22px;height:22px;mask-size:16px}[data-tps="S"] .pffvt{font-size:0}[data-tps="S"]
```



```
.pffvi{width:24px;height:24px;mask-size:24px;align-self:center}.hvpv.h5s .pffvt{display:inline-  
flex}.hvpv.h5s .vrhtc.pffv .vrhol{display:none}.hvpv.h5s .vrhtc.pffv  
.player_ol{background:var(--mai-smtc-background-ctrl-on-image-hover);transition:background-color  
.5s;display:flex;align-items:center;justify-content:center;padding:var(--smtc-gap-between-content-x  
-small);gap:var(--smtc-gap-between-content-x-small);box-sizing:border-box}.pffvt{text-  
decoration:underline}.vrhcp .vrhol{position:absolute;width:100%;height:35px;max-  
height:35px;bottom:0;left:0;padding:0;background:none;display:block;z-index:9}.vrhcp  
.vrhol.hide,.vrhcp .vrhol .hide{display:none}.vrhot{white-space:nowrap;text-overflow:ellipsis;overfl  
ow:hidden;display:inline-block;position:absolute;max-width:240px;height:18px;line-  
height:14px;margin-left:8px;top:10px;left:0;right:0;border-radius:2px;padding-right:8px}.vrhot  
div{display:inline-block}.vrhot nt{color:#fff;font-size:11px;font-weight:bold;background-  
color:rgba(0,0,0,.75);padding:2px 8px;margin-left:0;top:0;box-sizing:border-  
box;position:relative}.vrhc .ricons{position:absolute;right:8px;top:10px;left:auto;bottom:auto;heigh  
t:18px;display:inline-block;cursor:pointer}.vrhol.icons_1 .vrhot{margin-right:27px}.vrhol.icons_2  
.vrhot{margin-right:49px}.vrhol.icons_3 .vrhot{margin-right:79px}.vrhol .vrhot nt,.vsb_tr_chd  
.vrhol.icons_1 .vrhot{margin-  
right:0}.vpb{position:absolute;display:block;bottom:0;left:0;height:4px}.vpb  
div{position:absolute}.vpb nt{width:0;background:#fff}.vpb  
nt.test{display:none}.vpb.back{background-color:#999}.vrhcp .vrhol.npb{height:36px;max-  
height:36px}.vrhol .vadda{width:22px;height:18px;padding:0;margin-right:0;margin-left:2px;botto  
m:0;position:relative;display:inline-block;z-index:1;background:rgba(0,0,0,.75);border-  
radius:2px;overflow:hidden}.vrhol .vadda.hide{display:none}.vrhol .vadda .mc_vfaa{margin:3px  
5px}.ricons .vol{float:left}.ricons .adultFlag{float:right}.vol{width:22px;height:18px;bottom:0;mar  
gin-left:1px;margin-right:1px;position:relative;display:inline-block}.vol.hide,.vol  
.hide{display:none}.vol .bg{background:rgba(0,0,0,.75);border-radius:2px}.vol.bg,.vol  
nt{position:absolute;bottom:0}.vol .vol.bg.volnb{border-radius:0 0 2px 2px}.vol  
.volsliderHandle.bg{border-radius:2px 2px 0 0}.vol nt .volsliderHandle{height:70px;display:none;wi  
dth:22px;float:left;bottom:18px;position:absolute;display:block}.vol nt  
.volsliderHandle.hide{display:none}.volsliderHandle .vsb{height:54px;width:4px;background-  
color:#999;margin:9px auto 8px;position:relative;display:block;border-radius:2px}.volsliderHandle  
.vsh{height:6px;width:14px;padding:9px 7px 9px 7px;margin:0  
-12px;display:block;position:absolute;top:30px}.volsliderHandle  
.vsh.hide{display:none}.volsliderHandle .vshi{height:4px;width:14px;background-color:#fff;border-  
radius:2px}.volMutelcon{width:16px;height:14px;margin:2px 4px;float:left}.volMuteHandle{width:  
22px;height:18px}.vo{background:url(/rp/ffZxBXEIP9WYOO0jhTaElyLhEVU.svg) no-  
repeat}.vm{background:url(/rp/fsX-ZVd03wB2TL0vmQJxSp4U9vs.svg) no-  
repeat}.vl{background:url(/rp/YXYMPC1Rry_XJGc7Yg8IR4B2eEs.svg) no-  
repeat}.vf{background:url(/rp/NosrlR4amKTs1zYxWy3laZN3HRk.svg) no-repeat}@media(forced-  
colors:active){.vol{forced-color-adjust:none}}.vrhc line .vt_vp,.vrhc.popout  
.vt_vp,.vrhc.mousefollow .vt_vp{position:absolute;bottom:0;border:hidden;padding:0;top:0;left:0;z-  
index:3}.vrhtc .hide{display:none}.vrh_clc .vt_vp,.vrh_clc .vrhtc .vrhi,.vrh_clc  
.player_ol{cursor:pointer}.vrh_clc .cico{border-  
radius:0}.vrhtc{border:hidden;top:0;left:0;padding:0}.vrhc.mousefollow .vrhtc,.vrhc.popout  
.vrhtc{background-color:#999}.vrhtc.load .player_ol{background:url(/rp/_o2maogFDeUOsovPJL-  
ofEuxJ4.gif) center center no-repeat}.vrhc line .vrhtc .vrhi,.vrhc.popout .vrhtc  
.vrhi,.vrhc.mousefollow .vrhtc .vrhi{position:absolute!important;border:hidden;z-index:2;padding:0;l  
eft:0;top:0}.player_ol{position:absolute;width:100%;height:100%;bottom:0;border:hidden;z-  
index:7}.vrhc.popout,.vrhc line,.vrhc.mousefollow{border-radius:6px;overflow:hidden;display:table-  
row-group;background:none}.vrhc.popout,.vrhc.mousefollow{z-index:4;box-shadow:0 4px 4px  
rgba(0,0,0,.1),0 2px 80px rgba(0,0,0,.2)}.vrhc line{z-index:1;margin:0}.vrhc.popout,.vrhc  
line{position:absolute;top:0}.vrhc.popout{border:1px solid  
#fff}.vrhc.mousefollow{position:fixed}.vrhcp{position:relative;top:0;left:0;display:table-row}.vrhcp
```



.vrhrc{position:relative;overflow:hidden}.vrhc.hide{display:none}@keyframes
vh_fadein{from{opacity:0}to{opacity:1}}.vrhc.not(.hide){animation:vh_fadein 250ms}.vrhc line
img{color:transparent}.vrhc line.fullsize{height:100%}.vrhc,.vrhc: hover,.vrhc: link,.vrhc: active,.vrhc
: visited{color:#000;text-decoration:none}.vrhc.vrh_clc{cursor:pointer}a.hover-anchor{display: bloc
k;height:100%;width:100%;text-decoration:none}.vrhstat{height:0;overflow:hidden}Videos of Solar
Water Pump Solar Power Generation Installati...Watch video on amazon 1:51Watch Antfraer 12W
solar water pump kit with adjustable water Flow on Amazon Liveamazon May 12, 2023Watch video
on watermission Water Mission , Safe Water Solutions for Communities in Needwatermission 9
months agoWatch video on MSN3:48How to Build a Mini Water Tank & Electric Solar
PumpMSNMake ToysAug 29, 2024Watch full video.iacfm .iacf_head{display:flex;align-items:center;
gap:var(--smtc-gap-between-content-small);text-decoration-color:var(--smtc-foreground-content-ne
utral-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(--acf-font-title-1-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-nested-default);overflow:hidden}.iacfm .iacf_head .iacf_chv{color:var(--smtc-
foreground-content-neutral-primary)}[dir='rtl'] .iacfm .iacf_head
svg{transform:scaleX(-1)}#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:ellip
sis;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;align-self: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 .acflmgAns
.salink,#b_content .acflmgAns .iasalink{text-align:center;display:block;padding-bottom:var(--smtc-
gap-between-content-medium)}#b_content .acflmgAns .salink: hover .iasabt,#b_content .acflmgAns
.iasalink: hover .iasabt{background:var(--bing-smtc-background-ctrl-outline-hover)}#b_content
.acflmgAns .salink: active .iasabt,#b_content .acflmgAns .iasalink: active
.iasabt{background:var(--bing-smtc-background-ctrl-outline-pressed)}#b_content .acflmgAns
.iasabt,#b_content .acflmgAns .iaExp_chevron{height:initial;border-radius:var(--smtc-corner-circula
r);background:var(--bing-smtc-background-ctrl-neutral-rest);display:inline-
block;position:relative;top:0;box-shadow:initial}#b_content .acflmgAns .iasatxt{font:var(--bing-smt
c-text-global-caption1-strong);color:var(--bing-smtc-foreground-content-brand-
rest);padding:var(--smtc-gap-between-content-x-small) var(--smtc-gap-between-content-small);displ
ay:flex;gap:var(--smtc-gap-between-content-x-small);justify-content:center;align-
items:center}#b_content .acflmgAns .salink::before,#b_content .acflmgAns .iasalink::before{border-
bottom:1px solid var(--smtc-stroke-ctrl-on-neutral-
rest);width:100%;display:block;content:"";top:18px;position:relative}#b_content .acflmgAns
.svg{vertical-align:top}#b_content .acflmgAns .svgpath{fill:var(--bing-smtc-foreground-content-
brand-rest)}#b_content .acflmgAns .iachevron,#b_content .acflmgAns
.svgicon{width:12px;height:12px;margin-left:0;position:relative;top:0}html[dir=rtl] #b_content
.acflmgAns .iachevron,html[dir=rtl] #b_content .acflmgAns
.svgicon{transform:scaleX(-1)}#b_content .acflmgAns .rel_ent_w a.rel_ent{border:1px solid
var(--acf-stroke-neutral-decorative)}#b_content .acflmgAns .iaheader .iacf_head{text-decoration-
color:var(--smtc-foreground-ctrl-neutral-primary-hover)}#b_content .acflmgAns .iaheader
.iacf_head span,#b_content .acflmgAns .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(--smtc-corner-card-rest)}#b_content .iacfic.mmkiaacf .iacf_plan .cico
img{border-radius:var(--smtc-corner-card-rest)}#b_content



```
.iacfic.mmkiaacf{overflow:visible;padding:0}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-  
carousel]{margin:0;padding-bottom:var(--smtc-gap-between-content-medium)}#b_content  
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] [data-wptds-carousel-controls]{--wptds-carousel-  
control-opacity:1}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-  
carousel]>div{padding:0}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] [data-  
direction="end"]{margin-right:-22px}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]  
[data-direction="end"] svg{transform:scaleX(-1)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-  
carousel] [data-direction="start"]{margin-left:-22px}#b_content .iacfic.mmkiaacf .iacf_crsI[data-  
wptds-carousel] [data-direction="start"] svg{transform:scaleX(1)}#b_content .iacfic.mmkiaacf  
.iacf_crsI[data-wptds-carousel] button{background:var(--smtc-background-card-on-primary-default-  
rest);box-shadow:var(--acf-elevation-3);width:36px;border-radius:var(--smtc-corner-ctrl-lg-  
rest)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]  
button:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content  
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] button:active{background:var(--smtc-background-  
card-on-primary-default-pressed)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]  
button svg{transition:initial}#b_content .iacfic.mmkiaacf .iacf_crsI[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 .acflmgAns .iaheader  
.iacf_head{gap:0;padding:var(--smtc-gap-between-content-medium) 0;display:flex;align-  
items:center;box-sizing:border-box}#b_content .acflmgAns .iaheader .iacf_head:hover{text-  
decoration:none}#b_content .acflmgAns .iaheader .iacf_head:hover span{text-  
decoration:underline}#b_content .acflmgAns .iaheader .iacf_head:hover  
.iacf_chv{background:initial}#b_content .acflmgAns .iaheader .iacf_head div{display:flex;align-  
items:center;transition:background 300ms ease-out;margin-right:-3px;border-radius:var(--smtc-corn-  
er-ctrl-rest);overflow:hidden;color:var(--bing-smtc-foreground-content-neutral-secondary-  
alt)}#b_content .acflmgAns .iaheader .iacf_head span{width:initial;flex:none;font:var(--bing-smtc-te-  
xt-global-subtitle1-strong);padding-inline-start:var(--mai-smtc-padding-card-default);max-  
width:90%;text-overflow:ellipsis;white-space:nowrap;overflow:hidden}#b_content .acflmgAns  
.iaheader .iacf_head .iacf_chv{width:22px;justify-content:center;height:22px}#b_content  
.acflmgAns .rel_ent_w{margin-top:0}#b_content .acflmgAns .rel_ent_w  
.b_slideexp{margin:0}#b_content .acflmgAns .rel_ent_w .btn.rounded{top:initial;margin-  
top:1px}#b_content .acflmgAns .rel_ent_w .btn.next{right:-14px}#b_content .acflmgAns .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(--acf-elevation-3);border:initial}#b_content  
.acflmgAns .rel_ent_w .cr>div:after{margin-inline-start:2px;top:0}#b_content .acflmgAns  
.rel_ent_w .b_viewport{padding-top:0;margin-left:0;padding-left:0}#b_content .acflmgAns  
.rel_ent_w .b_viewport .slide{height:38px;margin-left:0;margin-inline-end:var(--smtc-gap-between-  
content-x-small)}#b_content .acflmgAns .rel_ent_w a.rel_ent{border-radius:var(--smtc-corner-circul  
ar);background:var(--smtc-background-card-on-primary-default-rest);padding-  
left:0;height:38px}#b_content .acflmgAns .rel_ent_w a.rel_ent:hover{background:var(--smtc-  
background-card-on-primary-default-hover)}#b_content .acflmgAns .rel_ent_w  
a.rel_ent:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content  
.acflmgAns .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 .acflmgAns .rel_ent_w .rel_ent_tw{font:var(--bing-smtc-text-global-  
caption1-strong)}#b_content .acflmgAns .rel_ent_w .rel_ent_c{padding-left:0}#b_content  
.acflmgAns .rel_ent_w .b_slidebar{padding-inline-start:var(--mai-smtc-padding-card-  
default)}#b_content .acflmgAns .rel_ent_w .rel_ent_c .rel_ent:first-child{margin-inline-  
start:var(--mai-smtc-padding-card-default);align-items:center}#b_content .acflmgAns .rel_ent_w  
.rel_ent_t{max-width:250px}html[dir=rtl] #b_content .acflmgAns .iaheader .iacf_head
```



```
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direction="end"]{transform:scaleX(-1)}html[dir=rtl] #b_content .acflmgAns .iacf_crsI[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{conten
t:"";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
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;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(--smtc-corner-card-rest)}.iacfca .iacf_crsI
.iacfmit{overflow:hidden;position:relative}.iacfca .iacf_crsI .iacfmit .cico{overflow:hidden;border-
radius:var(--mai-smtc-corner-list-card-nested-default)}.iacfca .iacf_crsI .iacfmit .cico img{border-
radius:inherit;transition:transform 300ms ease-out}.iacfca .iacf_crsI .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 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-
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items:center}.iacfca [data-wptds-carousel][data-default] [data-wptds-carousel-control][data-
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.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
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background-ctrl-neutral-rest);border:0;height:56px;width:16px;transition:width .3s;background
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carousel] [data-wptds-carousel-control] svg{transition:transform .3s}.iacfm.iacfca .iacf_crsI[data-
wptds-carousel] [data-wptds-carousel-control]:hover{width:24px;background:var(--smtc-
background-ctrl-neutral-hover)}.iacfm.iacfca .iacf_crsI[data-wptds-carousel] [data-wptds-carousel-
control] path{fill:currentColor}.iacfm.iacfca .iacf_crsI[data-wptds-carousel] ol [data-
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direction="end"]:hover svg{transform:scale(-1)}.iacfm.iacfca.iacf_fb .iacf_crsI[data-wptds-carousel]
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foreground-ctrl-on-image-rest)}.iacfm.iacfca.iacf_fb .iacf_crsI[data-wptds-carousel] [data-wptds-
carousel-control] path,.iacfm.iacfca.iacf_ss .iacf_crsI[data-wptds-carousel] [data-wptds-carousel-
control] path{fill:currentColor}.iacfca .iacf_colg_crsI [data-wptds-carousel-list]{width:fit-
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0}.iacfca:not(.iacfh):has(>.iacf_colg_crsI){height:100%;width:100%;padding:0;overflow:hidden;bord
er-radius:inherit}.iacfca:not(.iacfh):has(>.iacf_colg_crsI) .iacfmit{border-
radius:0}.iacfca:not(.iacfh):has(>.iacf_colg_crsI) [data-wptds-carousel][data-default] [data-wptds-
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```
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padding-card-default)*2);transform:translateX(calc(0rem + var(--mai-smtc-padding-card-default) -
(var(--wptds-carousel-control-size)/2))) translateY(-50%)}[data-wptds-carousel][data-default],[data-
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default] *::after{box-sizing:border-box;margin:0;padding:0}[data-wptds-carousel][data-
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sel-control][data-direction="end">svg{transform:scaleX(-1)}[data-wptds-carousel][data-default] [
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```



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