

Solar power generation installed on top



Overview

A rooftop solar power system, or rooftop PV system, is a photovoltaic (PV) system that has its electricity-generating solar panels mounted on the rooftop of a residential or commercial building or structure. The various components of such a system include photovoltaic modules, mounting systems, cables, solar inverters battery storage systems, charge controllers, monitoring systems, rack. Watch full video

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#rscrousel strong{font-weight:normal}#b_context .b_rrsr.rsExplr>.b_vList>li a
.suggestion_text,#b_context .richrswrapper.rsExplr .richrswrapper.suggestion a
.richrswrapper.suggestion_text,#b_results #brsv3.rsExplr .b_vList li a .b_suggestion
Text{color:var(--smtc-foreground-content-neutral-primary)}.b_inline_ajax_rs
.rsExplr li .b_suggestionText,#inline_rs .rsExplr li .b_suggestionText{font:var(--
bing-smtc-text-global-body3);color:var(--smtc-foreground-content-neutral-
primary)}#b_context .b_rrsr.rsExplr>.b_vList>li a: hover,#b_context
.richrswrapper.rsExplr .richrswrapper.suggestion a: hover,#b_results #brsv3.rsExplr
.b_vList li a: hover.b_inline_ajax_rs .rsExplr li a: hover,#inline_rs .rsExplr li a: hov
er{background:var(--bing-smtc-background-ctrl-subtle-
pressed);transition:background-color var(--smtc-duration-medium-01)
var(--bing-smtc-animation-ease-default)}#inline_rs .b_vlist2col ul:first-
child{margin:0 10px 0 0}.b_inline_ajax_rs li{width:320px;padding-
bottom:0;display:inline-block}.b_inline_ajax_rs li:not(:nth-last-child(1)):not(:nt
h-last-child(2)){margin-bottom:var(--smtc-gap-between-content-x-
small)}.b_inline_ajax_rs li .b_suggestionText{font:var(--bing-smtc-text-global-c
aption1);display:-webkit-box;text-align:left;-webkit-box-orient:vertical;-webkit-l
ine-clamp:2;overflow-wrap:break-word;overflow:hidden;flex:1;color:var(--smtc-
foreground-content-neutral-secondary)}.b_inline_ajax_rs li:nth-child(odd){mar
gin-right:var(--smtc-gap-between-content-x-small)}.b_inline_ajax_rs li
a{display:flex;height:44px;min-width:120px;padding:0 var(--mai-smtc-padding-
card-default) 0 var(--smtc-padding-ctrl-sm-horizontal-default);align-items:cent
er;border-radius:var(--smtc-corner-circular);background:var(--smtc-backgroun
d-card-on-primary-default-hover);gap:var(--smtc-gap-between-content-xxx-
small);color:var(--smtc-foreground-content-neutral-secondary)}#b_results
.b_inline_ajax_rs li a: hover{color:var(--smtc-foreground-content-neutral-
secondary)}.b_inline_ajax_rs li .b_suggestionIcon{width:20px;height:20px;pad
ding:var(--smtc-gap-between-content-x-small)}.b_inline_ajax_rs li .b_suggestio
nIcon.sug_sprite{background:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png) no-
repeat -762px -40px;transform:scale(.38)}.b_inline_ajax_rs li
.b_suggestionIcon svg{fill:var(--smtc-foreground-content-neutral-secondary)}
#rscar_close.b_clickback_close{float:right}#rscar_close::after.b_clickback_clo
se::after{height:16px;width:16px;content:" ";display:inline-block;background-r
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epeat:no-repeat}#rscar_close:hover::after.b_clickback_close:hover::after{cursor:pointer}.rslst_title{display:inline-block;color:var(--bing-smtc-status-informative-neutral-background)}.rslst_head{padding:var(--smtc-gap-between-content-small) 0}.b_inline_ajax_rs .b_sideBleed{border-top:1px solid var(--smtc-background-card-on-primary-default-pressed);padding:0;margin:0}#rscar_close::after.b_clickback_close::after{background-image:url()}#rscar_close:hover::after.b_clickback_close:hover::after{background-image:url()}#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(0,0,0,0.05);margin-top:12px;margin-bottom:10px;padding:15px 19px 10px 10px}#b_results li.b_ans.b_mop.b_mopb .b_sideBleed{margin-left:-19px;margin-right:-19px}.qna_tg .df_c .df_pass_16 .rwrl{font-size:16px;line-height:24px!important}.qna_tg .df_c .df_pass_20 .rwrl{font-size:20px;line-height:25px!important}.qna_tg .df_c .df_pass_24 .rwrl{font-size:24px;line-height:32px!important}.qna_tg .df_c .df_pass_28 .rwrl{font-size:28px;line-height:34px!important}.qna_tg .df_c .df_pass_40 .rwrl{font-size:40px;line-height:48px!important}.qna_tg .df_c .df_con .df_con_cover .df_da{margin-bottom:8px!important}.df_da.df_da_40 .b_focusTextLarge.df_da.df_da_40 .b_focusTextMedium.df_da.df_da_40 .b_focusTextSmall{font-size:40px;line-height:44px}.df_da.df_da_36 .b_focusTextLarge.df_da.df_da_36 .b_focusTextMedium.df_da.df_da_36 .b_focusTextSmall{font-size:36px;line-height:48px}.df_da.df_da_28 .b_focusTextLarge.df_da.df_da_28 .b_focusTextMedium.df_da.df_da_28 .b_focusTextSmall{font-size:28px;line-height:36px}.df_da.df_da_24 .b_focusTextLarge.df_da.df_da_24 .b_focusTextMedium.df_da.df_da_24 .b_focusTextSmall{font-size:24px;line-height:28px}.qna-mf .mf-item-title{padding-bottom:8px}.qna-mf .rq-link{padding-top:16px}.qna-mf .single-ans .qna_algoLink cite{margin-top:0}.qna-mf .single-ans u{text-decoration:none!important}.qna-mf h2.b_topTitle{padding-bottom:10px}.qna-mf h2.b_topTitle:not(:last-child){padding-bottom:0}.qna-mf .ans-hdr .b_traits{padding-bottom:10px}.qna-mf.qna_cb .b_tophbh .ans-hdr .b_topTitle{color:#fff!important}.qna-mf.qna_cb .b_tophbh .ans-hdr .qna-mf-subtitle .b_traits{color:#fff!important}.b_tophb .qna-mf .bgtopwh{padding-bottom:4px}.qna-mf.qna_cb .b_tophbh{margin:-1px -1px 0;padding:16px 20px 4px}.qna-mf .btm_sml{margin-top:8px}.qna-mf .ans-hdr{border-bottom:1px solid #ecec}.qna-mf .b_tophbh .ans-hdr{border-bottom:0}#b_pole .qna-mf .b_entitySubTitle{padding-
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bottom:0;color:#111}.qna-mf .df_con{margin-bottom:0}.qna-mf
.qna_iaftitle{padding-bottom:10px}.qna-mf .qna_iaftitle
.b_creditedImg{position:relative;padding-bottom:0}.qna-mf .qna_iaftitle
.b_creditedImg .b_footnote{position:absolute;bottom:0;background:rgba(0,0,0
.6);color:#fff;width:100%;text-align:center;white-space:nowrap;text-overflow:
ellipsis;overflow:hidden;border-top-left-radius:0;border-top-right-radius:0;bord
er-bottom-right-radius:6px;border-bottom-left-radius:6px}.qna-mf .qna_daac .
b_imagePair.reverse>.inner+div{min-height:110px;display:flex;justify-
content:center;flex-direction:column}.qna-mf .qna_daac
.b_imagePair.square_xb.reverse{padding-left:0;padding-
right:130px}.qna_limg .b_imagePair.square_xb.reverse>.inner{width:120px!i
mportant;padding-bottom:0;margin:0 -130px 0 0}.qna_limg .b_imagePair.squa
re_xb.reverse>.inner+div{min-height:120px!important}.qna_limg .b_tophbh.b
gtopwh{padding-top:4px}.mf-item-cntr{border-radius:0!important}.mf-item-
cntr:not(:last-child){border-bottom:1px solid #ecec}.mf-item-cntr.no-border
{border-bottom:0}.mf-item-cntr>.b_module_expansion_control{padding-
bottom:0}.mf-item{padding-bottom:12px}.no-border .mf-item{padding-
bottom:0}.b_tophbb .mf-item{padding-bottom:0}.qna_cb .mf-item-cntr:first-of-
type .df_da.qna_cb2 .mf-item-cntr:first-of-type .df_da{border-radius:6px 6px 0
0!important}#b_results li.b_ans.b_nonfirsttopb.b_qnaans{margin-
bottom:19px;padding:0;position:relative}.qna_titlewithads
.b_focusTextLarge.qna_titlewithads .b_focusTextMedium.qna_titlewithads
.b_focusTextSmall{font-size:24px;line-height:28px}#b_results
li.b_ans:has(.qna-mf){position:relative}#b_results li.b_ans:has(.qna-mf) .qna-
mf+#fbtop{z-index:1}.mf-item-cntr .b_genserp_container{margin-
bottom:0}#b_results .mf-item-cntr #b_genserp_container a:has(sup){margin-
inline:2px}.mf-item-cntr .b_genserp_container:not(.gs_mobile)
.gs_sup_cit{display:inline-block}.mf-item-cntr .b_genserp_container
.gs_cit_stry_pre .gs_cit_stry_preview .gs_sup_cit{display:none}.mf-item-cntr
.b_genserp_container .gs_cit_stry_pre .gs_cit_stry_preview .gs_sup_cit.gs_sm_c
it_show{display:inline-block;opacity:0;width:0;height:0}.katex{line-
height:1.2;text-indent:0;text-rendering:auto}.katex *{forced-color-
adjust:none}.katex .katex-version:after{content:"0.10.2"}.katex .katex-math
ml{position:absolute;clip:rect(1px,1px,1px,1px);padding:0;border:0;height:1p
x;width:1px;overflow:hidden}.katex .katex-
html>.newline{display:block}.katex .base{position:relative;white-
space:nowrap;width:min-content}.katex .base.katex .strut{display:inline-
block}.katex .mathit{font-style:italic}.katex .mathrm{font-
style:normal}.katex .mathbf{font-weight:700}.katex .boldsymbol{font-
weight:700;font-style:italic}.katex .mathboldsf.katex .textboldsf{font-
weight:700}.katex .mathitsf.katex .textitsf{font-style:italic}.katex
.mainrm{font-style:normal}.katex .vlist-t{display:inline-table;table-
layout:fixed}.katex .vlist-r{display:table-row}.katex .vlist{display:table-

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cell;vertical-align:bottom;position:relative}.katex
 .vlist>span{display:block;height:0;position:relative}.katex
 .vlist>span>span{display:inline-block}.katex
 .vlist>span>.pstrut{overflow:hidden;width:0}.katex .vlist-t2{margin-right:-2px}.katex .vlist-s{display:table-cell;vertical-align:bottom;font-size:1px;width:2px;min-width:2px}.katex .msupsub{text-align:left}.katex
 .mfrac>span>span{text-align:center}.katex .mfrac .frac-line{display:inline-block;width:100%;border-bottom-style:solid}.katex .hdashline.katex
 .hline.katex .mfrac .frac-line.katex .overline .overline-line.katex .rule.katex
 .underline .underline-line{min-height:1px}.katex .mspace{display:inline-block}.katex .clap.katex .llap.katex .rlap{width:0;position:relative}.katex
 .clap>.inner.katex .llap>.inner.katex .rlap>.inner{position:absolute}.katex
 .clap>.fix.katex .llap>.fix.katex .rlap>.fix{display:inline-block}.katex
 .llap>.inner{right:0}.katex .clap>.inner.katex .rlap>.inner{left:0}.katex
 .clap>.inner>span{margin-left:-50%;margin-right:50%}.katex
 .rule{display:inline-block;border:0 solid;position:relative}.katex .hline.katex
 .overline .overline-line.katex .underline .underline-line{display:inline-block;width:100%;border-bottom-style:solid}.katex .hdashline{display:inline-block;width:100%;border-bottom-style:dashed}.katex .sqrt>.root{margin-left:.27777778em;margin-right:-.55555556em}.katex .fontsize-ensurer.katex
 .sizing{display:inline-block}.katex .fontsize-ensurer.reset-size1.size1.katex
 .sizing.reset-size1.size1{font-size:1em}.katex .fontsize-ensurer.reset-size1.size2.katex .sizing.reset-size1.size2{font-size:1.2em}.katex .fontsize-ensurer.reset-size1.size3.katex .sizing.reset-size1.size3{font-size:1.4em}.katex .fontsize-ensurer.reset-size1.size4.katex .sizing.reset-size1.size4{font-size:1.6em}.katex .fontsize-ensurer.reset-size1.size5.katex .sizing.reset-size1.size5{font-size:1.8em}.katex .fontsize-ensurer.reset-size1.size6.katex .sizing.reset-size1.size6{font-size:2em}.katex .fontsize-ensurer.reset-size1.size7.katex .sizing.reset-size1.size7{font-size:2.4em}.katex .fontsize-ensurer.reset-size1.size8.katex .sizing.reset-size1.size8{font-size:2.88em}.katex .fontsize-ensurer.reset-size1.size9.katex .sizing.reset-size1.size9{font-size:3.456em}.katex .fontsize-ensurer.reset-size1.size10.katex .sizing.reset-size1.size10{font-size:4.148em}.katex .fontsize-ensurer.reset-size1.size11.katex .sizing.reset-size1.size11{font-size:4.976em}.katex .fontsize-ensurer.reset-size2.size1.katex .sizing.reset-size2.size1{font-size:.83333333em}.katex .fontsize-ensurer.reset-size2.size2.katex .sizing.reset-size2.size2{font-size:1em}.katex .fontsize-ensurer.reset-size2.size3.katex .sizing.reset-size2.size3{font-size:1.16666667em}.katex .fontsize-ensurer.reset-size2.size4.katex .sizing.reset-size2.size4{font-size:1.33333333em}.katex .fontsize-ensurer.reset-size2.size5.katex .sizing.reset-size2.size5{font-size:1.5em}.katex .fontsize-ensurer.reset-size2.size6.katex .sizing.reset-size2.size6{font-size:1.66666667em}.katex .fontsize-ensurer.reset-

size2.size7.katex .sizing.reset-size2.size7{font-size:2em}.katex .fontsize-ensurer.reset-size2.size8.katex .sizing.reset-size2.size8{font-size:2.4em}.katex .fontsize-ensurer.reset-size2.size9.katex .sizing.reset-size2.size9{font-size:2.88em}.katex .fontsize-ensurer.reset-size2.size10.katex .sizing.reset-size2.size10{font-size:3.4566667em}.katex .fontsize-ensurer.reset-size2.size11.katex .sizing.reset-size2.size11{font-size:4.1466667em}.katex .fontsize-ensurer.reset-size3.size1.katex .sizing.reset-size3.size1{font-size:.71428571em}.katex .fontsize-ensurer.reset-size3.size2.katex .sizing.reset-size3.size2{font-size:.85714286em}.katex .fontsize-ensurer.reset-size3.size3.katex .sizing.reset-size3.size3{font-size:1em}.katex .fontsize-ensurer.reset-size3.size4.katex .sizing.reset-size3.size4{font-size:1.14285714em}.katex .fontsize-ensurer.reset-size3.size5.katex .sizing.reset-size3.size5{font-size:1.28571429em}.katex .fontsize-ensurer.reset-size3.size6.katex .sizing.reset-size3.size6{font-size:1.42857143em}.katex .fontsize-ensurer.reset-size3.size7.katex .sizing.reset-size3.size7{font-size:1.71428571em}.katex .fontsize-ensurer.reset-size3.size8.katex .sizing.reset-size3.size8{font-size:2.05714286em}.katex .fontsize-ensurer.reset-size3.size9.katex .sizing.reset-size3.size9{font-size:2.46857143em}.katex .fontsize-ensurer.reset-size3.size10.katex .sizing.reset-size3.size10{font-size:2.96285714em}.katex .fontsize-ensurer.reset-size3.size11.katex .sizing.reset-size3.size11{font-size:3.55428571em}.katex .fontsize-ensurer.reset-size4.size1.katex .sizing.reset-size4.size1{font-size:.625em}.katex .fontsize-ensurer.reset-size4.size2.katex .sizing.reset-size4.size2{font-size:.75em}.katex .fontsize-ensurer.reset-size4.size3.katex .sizing.reset-size4.size3{font-size:.875em}.katex .fontsize-ensurer.reset-size4.size4.katex .sizing.reset-size4.size4{font-size:1em}.katex .fontsize-ensurer.reset-size4.size5.katex .sizing.reset-size4.size5{font-size:1.125em}.katex .fontsize-ensurer.reset-size4.size6.katex .sizing.reset-size4.size6{font-size:1.25em}.katex .fontsize-ensurer.reset-size4.size7.katex .sizing.reset-size4.size7{font-size:1.5em}.katex .fontsize-ensurer.reset-size4.size8.katex .sizing.reset-size4.size8{font-size:1.8em}.katex .fontsize-ensurer.reset-size4.size9.katex .sizing.reset-size4.size9{font-size:2.16em}.katex .fontsize-ensurer.reset-size4.size10.katex .sizing.reset-size4.size10{font-size:2.5925em}.katex .fontsize-ensurer.reset-size4.size11.katex .sizing.reset-size4.size11{font-size:3.11em}.katex .fontsize-ensurer.reset-size5.size1.katex .sizing.reset-size5.size1{font-size:.5555556em}.katex .fontsize-ensurer.reset-size5.size2.katex .sizing.reset-size5.size2{font-size:.6666667em}.katex .fontsize-ensurer.reset-size5.size3.katex .sizing.reset-size5.size3{font-size:.7777778em}.katex .fontsize-ensurer.reset-size5.size4.katex .sizing.reset-size5.size4{font-size:.8888889em}.katex .fontsize-ensurer.reset-size5.size5.katex .sizing.reset-size5.size5{font-size:1em}.katex .fontsize-ensurer.reset-

size5.size6.katex .sizing.reset-size5.size6{font-size:1.11111111em}.katex
.fontsize-ensurer.reset-size5.size7.katex .sizing.reset-size5.size7{font-
size:1.33333333em}.katex .fontsize-ensurer.reset-size5.size8.katex
.sizing.reset-size5.size8{font-size:1.6em}.katex .fontsize-ensurer.reset-
size5.size9.katex .sizing.reset-size5.size9{font-size:1.92em}.katex .fontsize-
ensurer.reset-size5.size10.katex .sizing.reset-size5.size10{font-
size:2.30444444em}.katex .fontsize-ensurer.reset-size5.size11.katex
.sizing.reset-size5.size11{font-size:2.76444444em}.katex .fontsize-
ensurer.reset-size6.size1.katex .sizing.reset-size6.size1{font-size:.5em}.katex
.fontsize-ensurer.reset-size6.size2.katex .sizing.reset-size6.size2{font-
size:.6em}.katex .fontsize-ensurer.reset-size6.size3.katex .sizing.reset-
size6.size3{font-size:.7em}.katex .fontsize-ensurer.reset-size6.size4.katex
.sizing.reset-size6.size4{font-size:.8em}.katex .fontsize-ensurer.reset-
size6.size5.katex .sizing.reset-size6.size5{font-size:.9em}.katex .fontsize-
ensurer.reset-size6.size6.katex .sizing.reset-size6.size6{font-size:1em}.katex
.fontsize-ensurer.reset-size6.size7.katex .sizing.reset-size6.size7{font-
size:1.2em}.katex .fontsize-ensurer.reset-size6.size8.katex .sizing.reset-
size6.size8{font-size:1.44em}.katex .fontsize-ensurer.reset-size6.size9.katex
.sizing.reset-size6.size9{font-size:1.728em}.katex .fontsize-ensurer.reset-
size6.size10.katex .sizing.reset-size6.size10{font-size:2.074em}.katex
.fontsize-ensurer.reset-size6.size11.katex .sizing.reset-size6.size11{font-
size:2.488em}.katex .fontsize-ensurer.reset-size7.size1.katex .sizing.reset-
size7.size1{font-size:.41666667em}.katex .fontsize-ensurer.reset-
size7.size2.katex .sizing.reset-size7.size2{font-size:.5em}.katex .fontsize-
ensurer.reset-size7.size3.katex .sizing.reset-size7.size3{font-
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size7.size5.katex .sizing.reset-size7.size5{font-size:.75em}.katex .fontsize-
ensurer.reset-size7.size6.katex .sizing.reset-size7.size6{font-
size:.83333333em}.katex .fontsize-ensurer.reset-size7.size7.katex
.sizing.reset-size7.size7{font-size:1em}.katex .fontsize-ensurer.reset-
size7.size8.katex .sizing.reset-size7.size8{font-size:1.2em}.katex .fontsize-
ensurer.reset-size7.size9.katex .sizing.reset-size7.size9{font-
size:1.44em}.katex .fontsize-ensurer.reset-size7.size10.katex .sizing.reset-
size7.size10{font-size:1.72833333em}.katex .fontsize-ensurer.reset-
size7.size11.katex .sizing.reset-size7.size11{font-size:2.07333333em}.katex
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size:.34722222em}.katex .fontsize-ensurer.reset-size8.size2.katex
.sizing.reset-size8.size2{font-size:.41666667em}.katex .fontsize-ensurer.reset-
size8.size3.katex .sizing.reset-size8.size3{font-size:.48611111em}.katex
.fontsize-ensurer.reset-size8.size4.katex .sizing.reset-size8.size4{font-
size:.55555556em}.katex .fontsize-ensurer.reset-size8.size5.katex
.sizing.reset-size8.size5{font-size:.625em}.katex .fontsize-ensurer.reset-

size8.size6.katex .sizing.reset-size8.size6{font-size:.69444444em}.katex
.fontsize-ensurer.reset-size8.size7.katex .sizing.reset-size8.size7{font-size:.83333333em}.katex .fontsize-ensurer.reset-size8.size8.katex
.sizing.reset-size8.size8{font-size:1em}.katex .fontsize-ensurer.reset-size8.size9.katex .sizing.reset-size8.size9{font-size:1.2em}.katex .fontsize-ensurer.reset-size8.size10.katex .sizing.reset-size8.size10{font-size:1.44027778em}.katex .fontsize-ensurer.reset-size8.size11.katex
.sizing.reset-size8.size11{font-size:1.72777778em}.katex .fontsize-ensurer.reset-size9.size1.katex .sizing.reset-size9.size1{font-size:.28935185em}.katex .fontsize-ensurer.reset-size9.size2.katex
.sizing.reset-size9.size2{font-size:.34722222em}.katex .fontsize-ensurer.reset-size9.size3.katex .sizing.reset-size9.size3{font-size:.40509259em}.katex .fontsize-ensurer.reset-size9.size4.katex .sizing.reset-size9.size4{font-size:.46296296em}.katex .fontsize-ensurer.reset-size9.size5.katex
.sizing.reset-size9.size5{font-size:.52083333em}.katex .fontsize-ensurer.reset-size9.size6.katex .sizing.reset-size9.size6{font-size:.5787037em}.katex .fontsize-ensurer.reset-size9.size7.katex .sizing.reset-size9.size7{font-size:.69444444em}.katex .fontsize-ensurer.reset-size9.size8.katex
.sizing.reset-size9.size8{font-size:.83333333em}.katex .fontsize-ensurer.reset-size9.size9.katex .sizing.reset-size9.size9{font-size:1em}.katex .fontsize-ensurer.reset-size9.size10.katex .sizing.reset-size9.size10{font-size:1.20023148em}.katex .fontsize-ensurer.reset-size9.size11.katex
.sizing.reset-size9.size11{font-size:1.43981481em}.katex .fontsize-ensurer.reset-size10.size1.katex .sizing.reset-size10.size1{font-size:.24108004em}.katex .fontsize-ensurer.reset-size10.size2.katex
.sizing.reset-size10.size2{font-size:.28929605em}.katex .fontsize-ensurer.reset-size10.size3.katex .sizing.reset-size10.size3{font-size:.33751205em}.katex .fontsize-ensurer.reset-size10.size4.katex
.sizing.reset-size10.size4{font-size:.38572806em}.katex .fontsize-ensurer.reset-size10.size5.katex .sizing.reset-size10.size5{font-size:.43394407em}.katex .fontsize-ensurer.reset-size10.size6.katex
.sizing.reset-size10.size6{font-size:.48216008em}.katex .fontsize-ensurer.reset-size10.size7.katex .sizing.reset-size10.size7{font-size:.57859209em}.katex .fontsize-ensurer.reset-size10.size8.katex
.sizing.reset-size10.size8{font-size:.69431051em}.katex .fontsize-ensurer.reset-size10.size9.katex .sizing.reset-size10.size9{font-size:.83317261em}.katex .fontsize-ensurer.reset-size10.size10.katex
.sizing.reset-size10.size10{font-size:1em}.katex .fontsize-ensurer.reset-size10.size11.katex .sizing.reset-size10.size11{font-size:1.19961427em}.katex .fontsize-ensurer.reset-size11.size1.katex
.sizing.reset-size11.size1{font-size:.20096463em}.katex .fontsize-ensurer.reset-size11.size2.katex .sizing.reset-size11.size2{font-size:.24115756em}.katex .fontsize-ensurer.reset-size11.size3.katex

.sizing.reset-size11.size3{font-size:.28135048em}.katex .fontsize-ensurer.reset-size11.size4.katex .sizing.reset-size11.size4{font-size:.32154341em}.katex .fontsize-ensurer.reset-size11.size5.katex .sizing.reset-size11.size5{font-size:.36173633em}.katex .fontsize-ensurer.reset-size11.size6.katex .sizing.reset-size11.size6{font-size:.40192926em}.katex .fontsize-ensurer.reset-size11.size7.katex .sizing.reset-size11.size7{font-size:.48231511em}.katex .fontsize-ensurer.reset-size11.size8.katex .sizing.reset-size11.size8{font-size:.57877814em}.katex .fontsize-ensurer.reset-size11.size9.katex .sizing.reset-size11.size9{font-size:.69453376em}.katex .fontsize-ensurer.reset-size11.size10.katex .sizing.reset-size11.size10{font-size:.83360129em}.katex .fontsize-ensurer.reset-size11.size11.katex .sizing.reset-size11.size11{font-size:1em}.katex .nulldelimiter{display:inline-block;width:.12em}.katex .delimcenter.katex .op-symbol{position:relative}.katex .op-limits>.vlist-t{text-align:center}.katex .accent>.vlist-t{text-align:center}.katex .accent .accent-body{position:relative}.katex .accent .accent-body:not(.accent-full){width:0}.katex .overlay{display:block}.katex .mtable .vertical-separator{display:inline-block;margin:0 -.025em;border-right:.05em solid;min-width:1px}.katex .mtable .vs-dashed{border-right:.05em dashed}.katex .mtable .arraycolsep{display:inline-block}.katex .mtable .col-align-c>.vlist-t{text-align:center}.katex .mtable .col-align-l>.vlist-t{text-align:left}.katex .mtable .col-align-r>.vlist-t{text-align:right}.katex .svg-align{text-align:left}.katex svg{display:block;position:absolute;width:100%;height:inherit;fill:currentColor;stroke:currentColor;fill-rule:nonzero;fill-opacity:1;stroke-width:1;stroke-linecap:butt;stroke-linejoin:miter;stroke-miterlimit:4;stroke-dasharray:none;stroke-dashoffset:0;stroke-opacity:1}.katex svg path{stroke:none}.katex img{border-style:none;min-width:0;min-height:0;max-width:none;max-height:none}.katex .stretchy{width:100%;display:block;position:relative;overflow:hidden}.katex .stretchy:after.katex .stretchy:before{content:""}.katex .hide-tail{width:100%;position:relative;overflow:hidden}.katex .halfarrow-left{position:absolute;left:0;width:50.2%;overflow:hidden}.katex .halfarrow-right{position:absolute;right:0;width:50.2%;overflow:hidden}.katex .brace-left{position:absolute;left:0;width:25.1%;overflow:hidden}.katex .brace-center{position:absolute;left:25%;width:50%;overflow:hidden}.katex .brace-right{position:absolute;right:0;width:25.1%;overflow:hidden}.katex .x-arrow-pad{padding:0 .5em}.katex .mover.katex .munder.katex .x-arrow{text-align:center}.katex .boxpad{padding:0 .3em}.katex .fbox.katex .fcolorbox{box-sizing:border-box;border:.04em solid}.katex .cancel-pad{padding:0 .2em}.katex .cancel-lap{margin-left:-.2em;margin-right:-.2em}.katex .sout{border-bottom-style:solid;border-bottom-width:.08em}.katex-display{display:block;margin:1em 0;text-align:center}.ka

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tex-display>.katex{display:block;text-align:center;white-space:nowrap}.katex
-display>.katex>.katex-html{display:block;position:relative}.katex-display>.k
atex>.katex-html>.tag{position:absolute;right:0}.katex-display.leqno>.katex
>.katex-html>.tag{left:0;right:auto}.katex-display.fleqn>.katex{text-
align:left}@media(forced-colors:active){.katex *{forced-color-adjust:preserve-
parent-color}}.gs_cit_stry_preview{color:var(--bing-smtc-foreground-content-
brand-rest);font:var(--bing-smtc-text-global-caption1);width:fit-
content;height:26px;display:flex}.gs_cit_stry_preview
span{display:flex}.gs_cit_stry_preview .gsm_cit_favicon{height:16px;width:16
px;padding:var(--smtc-gap-between-content-xx-small);border:2px solid var(--s
mtc-background-card-on-primary-default-rest);background:var(--bing-smtc-ba
ckground-card-on-primary-alt-rest);border-radius:50%;margin-inline-start:-8px
;display:flex;align-items:center;justify-content:center}.gs_cit_stry_preview
.gsm_cit_favicon>*.gs_cit_stry_preview .gsm_cit_favicon
.cico{border-radius:var(--smtc-ctrl-badge-sm-corner)}.gs_p.gs_cit_stry_pre .gs
_cit_stry_preview{padding-block-start:var(--smtc-gap-between-content-xx-sma
ll);padding-inline-start:var(--smtc-gap-between-content-x-
small)}.gs_cit_stry_pre .gs_cit_stry_preview .gs_sup_cit{display:none}.gs_cit_s
try_preview_info{display:inline-flex;padding:var(--smtc-padding-ctrl-text-side)
var(--smtc-gap-between-content-x-small) var(--smtc-padding-ctrl-text-side) var
(--smtc-gap-between-content-xx-small);align-items:center;gap:2px;border:2px
solid var(--smtc-background-card-on-primary-default-rest);width:fit-content;hei
ght:20px;background:var(--bing-smtc-background-card-on-primary-alt-
rest);border-radius:52px;margin-inline-start:-8px}.gs_text .gs_cit_stry_preview
.b_hover>span{background-color:unset;text-decoration:none}.gs_cit_icon_wr
apper{display:flex}.gs_cit_stry_preview_lnk{height:16px;margin:auto
0}.gs_cit_stry_preview_lnk svg path{fill:var(--bing-smtc-foreground-content-
brand-rest)}.b_hover .gs_cit_icon_wrapper .gsm_cit_favicon.b_hover
.gs_cit_stry_preview_info.b_gs_hover .gs_cit_icon_wrapper
.gsm_cit_favicon.b_gs_hover .gs_cit_stry_preview_info{background-
color:var(--bing-smtc-background-card-on-primary-alt-hover)}#b_results
#b_genserp_container .gs_temp
a:has(sup){display:none}.gs_sup_cit{display:inline}.gs_sup_cit .gs_sm_cit{fon
t:var(--bing-smtc-text-global-caption1);display:inline-flex;height:20px;border-r
adius:var(--smtc-ctrl-badge-sm-corner);align-items:center;gap:0;margin-
inline:var(--smtc-gap-between-content-xx-small);overflow:hidden}.gs_sup_cit
.gs_sm_cit .gs_sm_cit_favicon{display:inline-flex;align-items:center;padding-in
line-start:var(--smtc-gap-between-content-xx-small);border-radius:0;border-to
p-left-radius:var(--smtc-ctrl-badge-sm-corner);border-bottom-left-radius:var(--s
mtc-ctrl-badge-sm-corner);background:var(--bing-smtc-background-card-on-
primary-alt-rest)}.gs_sup_cit .gs_sm_cit .gs_sm_cit_favicon
svg{margin:auto}.gs_sup_cit .gs_sm_cit .gs_sm_cit_favicon svg
path.gs_sup_cit .gs_sm_cit .gs_sm_cit_favicon svg use{fill:var(--bing-smtc-

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foreground-content-brand-rest)}.gs_sup_cit .gs_sm_cit .gs_sm_cit_dom{display:flex;color:var(--bing-smtc-foreground-content-brand-rest);gap:var(--smtc-gap-between-content-xx-small)}.gs_sup_cit .gs_sm_cit span{padding-inline:var(--smtc-gap-between-content-xx-small);line-height:20px;background:var(--bing-smtc-background-card-on-primary-alt-rest);white-space:nowrap}.gs_sup_cit .gs_sm_cit strong{padding-inline:var(--smtc-gap-between-content-xx-small);line-height:20px;background:var(--bing-smtc-background-card-on-primary-alt-rest);color:var(--bing-smtc-foreground-content-brand-rest)}.gs_sup_cit .gs_sm_cit:last-child{border-top-right-radius:var(--smtc-ctrl-badge-sm-corner);border-bottom-right-radius:var(--smtc-ctrl-badge-sm-corner)}.gs_cit_stry_pre .gs_sup_cit.b_hide{display:none}.gs_cit_stry_pre:hover .gs_sup_cit .gs_sm_cit.g_s_cit_stry_pre:focus .gs_sup_cit .gs_sm_cit{visibility:unset;display:inline-flex}.gs_cit_stry_pre .b_cit_parent.b_hover .gs_sup_cit .gs_sm_cit.g_s_cit_stry_pre.pre_hover .gs_sup_cit .gs_sm_cit{display:inline-flex;visibility:visible}table.g_s_cit_stry_pre .gs_cit_stry_td{padding:0;height:50px}table.g_s_cit_stry_pre .gs_cit_stry_preview{margin-inline-start:auto}table.g_s_cit_stry_pre tr:nth-child(3) td:last-child,table.g_s_cit_stry_pre tr:nth-child(3) td:first-child{border-radius:unset}table.g_s_cit_stry_pre .b_cit_parent>.gs_sup_cit{min-width:38px}table.g_s_cit_stry_pre .gs_table_truncate .gs_cit_stry_tr{display:table-row}table.g_s_cit_stry_pre .gs_cit_stry_td>div{display:flex;padding:var(--smtc-gap-between-content-small) var(--smtc-gap-between-content-medium)}table.g_s_cit_stry_pre .gs_cit_stry_item .gs_p.g_s_tbl_ctrl{display:flex;padding:var(--smtc-gap-between-content-small) var(--smtc-gap-between-content-medium);box-sizing:border-box}table.g_s_cit_stry_pre .gs_table_exp{color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-smtc-text-global-body3-strong);margin:0;display:flex;align-items:center;white-space:nowrap;cursor:pointer}table.g_s_cit_stry_pre .gs_table_exp>button{padding-inline:var(--smtc-gap-between-content-x-small)}.gs_text table td.g_s_cit_stry_item{padding:0}table .gs_cit_stry_item>.gs_p{width:100%}.gs_text ul>li.g_s_cit_stry_item.g_s_text ol>li.g_s_cit_stry_item{list-style:none}#b_content .b_genserp_container a.b_LinksColorMD{color:var(--smtc-foreground-content-neutral-secondary)}#b_content .b_genserp_container .gs_heroTextHeader a.b_LinksColorMD{color:var(--bing-smtc-background-ctrl-brand-rest)}#b_results>li .b_genserp_container a.b_genserp_container a{color:var(--bing-smtc-foreground-content-brand-rest)}#b_results>li .b_genserp_container .gs_heroTextHeader a.g_s_mdlink.b_genserp_container .gs_heroTextHeader a.g_s_mdlink{color:var(--bing-smtc-foreground-content-brand-rest)}#b_results>li .b_genserp_container a.g_s_mdlink.b_genserp_container a.g_s_mdlink{text-decoration:none;color:var(--smtc-foreground-content-neutral-secondary)}#b_results>li .b_genserp_container
    
```

```

a.gs_mdlink.b_hover,#b_results>li .b_genserp_container a.gs_mdlink
.b_hover,#b_results>li .b_genserp_container a.gs_mdlink
.b_gs_hover.b_genserp_container a.gs_mdlink.b_hover.b_genserp_container
a.gs_mdlink .b_hover.b_genserp_container a.gs_mdlink .b_gs_hover{cursor:poi
nter;text-decoration-color:var(--bing-smtc-foreground-content-brand-rest);bac
kground-color:var(--bing-smtc-background-card-on-primary-alt-hover);text-und
erline-offset:1px;text-decoration-line:underline;text-decoration-
style:dotted}.b_genserp_container a{text-decoration:underline}.gs_cit_cont
a{text-decoration:none}.gs_cit_cont a:hover .gs_cit_title{text-
decoration:underline}.b_genserp_container .gs_sm_cit.b_hover
span.b_genserp_container .gs_sm_cit.b_hover strong.b_genserp_container
.gs_sm_cit.b_hover .gs_sm_cit_favicon.b_genserp_container .b_hover
.gs_sm_cit span.b_genserp_container .b_hover .gs_sm_cit
strong.b_genserp_container .b_hover .gs_sm_cit .gs_sm_cit_favicon{backgroun
d:var(--bing-smtc-background-card-on-primary-alt-
hover)}.b_genserp_container .b_hover.cit_exp_cont .gs_sm_cit
.gs_sm_cit_favicon{background:transparent}#b_results .b_genserp_container
.gs_h .gs_sm_cit span,#b_results .b_genserp_container .gs_h .gs_sm_cit
strong,#b_results .b_genserp_container .gs_h .gs_sm_cit
.gs_sm_cit_favicon,#b_results .gs_h .gs_cit_icon_wrapper
.gsm_cit_favicon,#b_results .gs_h .gs_cit_stry_preview_info{background:var(--
bing-smtc-background-ctrl-neutral-rest)}#b_results .b_genserp_container
.gs_h .b_hover .gs_sm_cit span,#b_results .b_genserp_container .gs_h
.b_hover .gs_sm_cit strong,#b_results .b_genserp_container .gs_h .b_hover
.gs_sm_cit .gs_sm_cit_favicon,#b_results .b_genserp_container .gs_h
.b_hover.gs_sm_cit span,#b_results .b_genserp_container .gs_h
.b_hover.gs_sm_cit strong,#b_results .b_genserp_container .gs_h
.b_hover.gs_sm_cit .gs_sm_cit_favicon,#b_results .gs_h .b_hover
.gs_cit_icon_wrapper .gsm_cit_favicon,#b_results .gs_h .b_hover
.gs_cit_stry_preview_info,#b_results .gs_h .b_gs_hover .gs_cit_icon_wrapper
.gsm_cit_favicon,#b_results .gs_h .b_gs_hover .gs_cit_stry_preview_info{backg
round:var(--smtc-background-ctrl-neutral-hover)}#b_results>li
.b_genserp_container .gs_h a.gs_mdlink.b_hover,#b_results>li
.b_genserp_container .gs_h a.gs_mdlink.b_gs_hover,#b_results>li
.b_genserp_container .gs_h a.gs_mdlink .b_hover,#b_results>li
.b_genserp_container .gs_h a.gs_mdlink .b_gs_hover,#b_results>li
.b_genserp_container .gs_h .b_hover:not(.b_cit_parent),#b_results>li
.b_genserp_container .gs_h .b_gs_hover:not(.gs_cit_stry_preview){background
:var(--bing-smtc-background-card-on-primary-alt-
pressed)}.b_genserp_container .gs_caphead h6
.gs_sm_cit.b_genserp_container .gs_caphead .gs_herotxt .gs_sm_cit{font:var(--
bing-smtc-text-global-caption1)}.gs_cit:hover.gs_cit:focus-within{height:fit-
content}.gs_cit:hover .gs_cit_wrapper .gs_cit_snip.gs_cit:focus-within
    
```

```
.gs_cit_wrapper .gs_cit_snip{max-height:200px;height:fit-
content;transition:max-height .5s linear;transition-delay:.5s}.gs_cit:hover
.gs_cit_wrapper.gs_cit:focus-within .gs_cit_wrapper{height:auto}.gs_ajaxexp .
gs_cit_cont.gs_cit_cont_pad{padding-block-start:0}.gs_cit_cont{display:flex;fle
x-direction:column;margin-block-start:var(--smtc-gap-between-content-x-large
);width:100%;gap:var(--smtc-gap-between-content-
small)}.gs_cit_cont.gs_cit_single
.gs_cit{width:648px}.gs_cit_cont.gs_cit_single .gs_cit .gs_cit_wrapper
.gs_cit_src .gs_cit_siteurl{flex:unset}.gs_cit_cont.gs_cit_single .gs_cit
.gs_cit_wrapper .gs_cit_src .gs_cit_site{max-width:222px}.gs_cit_cont
.b_cit_parent{height:100%}.gs_cit_cont
.b_cit_parent:hover{cursor:pointer}.gs_cit_cont .b_cit_parent span{padding:0;
display:flex;flex-direction:column;height:100%;cursor:default}.gs_cit_cont
.b_cit_parent span.b_hide{display:none}.gs_cits{display:flex;width:100%;flex-
wrap:nowrap;gap:var(--smtc-gap-between-content-x-large);overflow-
y:visible;height:108px}.gs_cits.b_hide{display:none}.gs_cits>a:hover.gs_cits
a:active.gs_cits a:focus{text-decoration:none}.gs_cits>a{width:inherit}.gs_cit
{height:108px;align-items:stretch;display:flex;justify-content:center;padding:1
px;box-sizing:border-box;width:unset;border-radius:unset;margin:0;position:ini
tial;vertical-align:initial;max-height:none;overflow:hidden}.gs_cit:hover
.gs_cit_wrapper.gs_cit:focus-within .gs_cit_wrapper{min-height:108px;z-
index:2;height:108px}.gs_cit:hover .gs_cit_wrapper .gs_cit_src.gs_cit:focus-
within .gs_cit_wrapper .gs_cit_src{max-height:fit-content}.gs_cit>a{width:100
%}.gs_cit.b_hide{display:none}.gs_cit_wrapper{display:flex;flex-direction:colu
mn;border-radius:var(--mai-smtc-corner-card-default);box-sizing:border-box;p
adding:var(--smtc-gap-between-content-medium);position:relative;width:inheri
t;height:108px;background:var(--bing-smtc-background-card-on-primary-alt-
rest)}.gs_cit_wrapper .gs_cit_title{display:flex;gap:var(--smtc-gap-between-
content-x-small);order:2;margin:0}.gs_cit_wrapper .gs_cit_title .gs_cit_title_tex
t{flex:1;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;ov
erflow:hidden;text-overflow:ellipsis;color:var(--bing-smtc-foreground-content-b
rand-rest);word-break:break-word;font:var(--bing-smtc-text-global-
body2-strong);max-height:52px}.gs_cit_wrapper .gs_cit_snip{display:flex;gap:
var(--smtc-gap-between-content-small);order:3;max-
height:0;overflow:hidden}.gs_cit_wrapper .gs_cit_snip .gs_cit_snip_text{line-h
eight:20px;display:-webkit-box;-webkit-line-clamp:3;-webkit-box-orient:vertical
;overflow:hidden;text-overflow:ellipsis;max-height:60px;flex:1;height:fit-conte
nt;color:var(--bing-smtc-foreground-content-neutral-tertiary)}.gs_cit_wrapper
.gs_cit_snip .gs_cit_img{width:60px;height:60px;flex-shrink:0}.gs_cit_wrapper
.gs_cit_src{display:flex;text-align:center;max-height:20px;font:var(--bing-smtc-
text-global-caption1);gap:var(--smtc-gap-between-content-xx-small);align-ite
ms:center;order:1;margin-block-start:0;margin-block-end:var(--smtc-gap-
between-content-x-small)}.gs_cit_wrapper .gs_cit_src .gs_cit_favicon{margin-i
```

```

nline-end:var(--smtc-padding-ctrl-text-side);position:relative;flex-
shrink:0;border-radius:2px}.gs_cit_wrapper .gs_cit_src .gs_cit_favicon>*:first-c
hild{position:absolute;inset-inline-start:0;inset-block-start:0;border-
radius:var(--smtc-ctrl-badge-sm-corner);transform:scale(.8)}.gs_cit_wrapper
.gs_cit_src .gs_cit_site{color:var(--smtc-foreground-content-neutral-secondary)
;overflow:hidden;display:-webkit-box;-webkit-line-clamp:1;-webkit-box-orient:v
ertical;text-overflow:ellipsis;word-break:break-all;text-align:start;max-width:fit-
content}.gs_cit_wrapper>a{height:100%}.cit_exp_cont{flex:0 0 88px;background
und:var(--bing-smtc-background-card-on-primary-alt-rest);width:88px;height:1
08px;padding:var(--smtc-gap-between-content-medium);border-radius:var(--m
ai-smtc-corner-card-default);box-sizing:border-box;flex-direction:column;gap:0
;display:flex}.cit_exp_cont:hover{cursor:default;background:var(--bing-smtc-
background-card-on-primary-alt-hover)}.cit_exp_cont sup.cit_exp_cont
.gs_sup_cit{display:none}.cit_exp_cont
.gs_sm_cit_dom:empty{display:none}.cit_exp_cont .cit_exp_cont_lst{display:fl
ex;gap:var(--smtc-gap-between-content-xx-small)}.cit_exp_cont
.cit_exp_cont_lst .gs_sm_cit{display:flex;gap:var(--smtc-gap-between-content-
xx-small);align-items:center;border-radius:var(--smtc-ctrl-badge-sm-corner);co
lor:var(--bing-smtc-foreground-content-brand-rest);padding:var(--smtc-paddin
g-ctrl-text-side);margin:0;vertical-
align:unset;border:0;height:unset}.cit_exp_cont .cit_exp_cont_lst
.gs_sm_cit.b_hide{display:none}.cit_exp_cont .cit_exp_cont_lst .gs_sm_cit
.gs_sm_cit_num{display:none}.cit_exp_cont .cit_exp_cont_lst .gs_sm_cit .gs_
sm_cit_favicon{border-
radius:0;margin:0;position:relative;display:flex}.cit_exp_cont .cit_exp_cont_lst
.gs_sm_cit .gs_sm_cit_dom{max-width:110px;white-
space:nowrap;overflow:hidden;text-overflow:ellipsis}.cit_exp_cont
.cit_exp_cont_lst .gs_sm_cit .gs_sm_cit_favicon_def{padding-
inline:0}.cit_exp_cont .cit_exp_cont_lst .gs_sm_cit .gs_sm_cit_more{font:var(--
bing-smtc-text-global-body3-strong);color:var(--bing-smtc-foreground-content-
brand-
rest);background:none;padding:0}.cit_exp_cont>.gs_sm_cit.cit_exp_cont span
>.gs_sm_cit{margin-block-start:auto;margin-inline-end:0;color:var(--bing-smtc-
foreground-content-brand-rest)}.cit_exp_cont .cit_exp_btn{display:flex;align-it
ems:center;gap:var(--smtc-gap-between-content-x-small);color:var(--bing-
smtc-foreground-content-brand-rest);background:none;padding:0}.gs_section
.gs_cit_cont.gs_cit_cont_pad{padding-block-start:0}#b_topw .gs_cit_cont
.gs_cit{flex-grow:1;flex-basis:0}.b_top .gs_cit_cont .gs_cits
.gs_cit{width:256px;flex:1 0}.placeholder-favicon-container .cico.gs_cit_favico
n{margin-inline-end:0;border-
radius:6px}.gs_temp>.gs_cit_cont:not(.gs_caphead)
.cit_exp_cont.gs_temp>:not(.gs_caphead) .gs_cit_cont
.cit_exp_cont{margin:0}.gs_main
    
```

```
.b_gs_bottom_cover{bottom:0;background:none}#b_results>li
.b_genserp_container .gs_cit_cont .gs_cit a{min-width:unset}.gs_cits
.gs_cit_wrapper .gs_cit_src .gs_cit_siteurl{display:none}.gs_cit_stry.gs_cit_cont
.gs_cits .cit_exp_cont .cit_exp_btn{font:var(--bing-smtc-text-global-body3-stro
ng)}.hov-item-site-bubble{width:max-content;display:flex;padding-
bottom:var(--smtc-gap-between-content-x-small)}.hov-item-site-bubble .hov-
item-fav{width:fit-content}.hov-item-site-bubble .hov-item-sitename{color:var
(--smtc-foreground-content-neutral-primary);padding-left:var(--smtc-gap-betw
een-content-x-small);font:var(--bing-smtc-text-global-body3)}@media(forced-
colors:active){.gs_temp .gs_sm_cit.gs_cit_wrapper.hov-
item.cit_exp_cont{border:.0625rem solid ButtonBorder}.gs_cit{height:109px}
}.b_genserp_citation_hover_md{height:0;width:0}.b_genserp_citation_hover_
md a{text-decoration:none}.b_genserp_citation_hover_md
.b_hide{display:none}.b_genserp_citation_hover_md
.hov_anime{animation:toTop .1s
forwards;transform:translateY(0)}.b_genserp_citation_hover_md .hov{padding
:8px;overflow-y:auto;width:430px;position:fixed;cursor:initial;border-
radius:16px;z-index:11;filter:drop-shadow(-5px -4px 12px rgba(0,0,0.1));box-
shadow:0 8px 16px 0 rgba(0,0,0.14),0 0 2px 0 rgba(0,0,0.12);display:flex;flex-
direction:column;max-height:450px;background:var(--smtc-background-card-
on-primary-default-rest)}.b_genserp_citation_hover_md
.hov.b_hide{display:none}.b_genserp_citation_hover_md .h_def .hov-item.first
-item{background-color:var(--smtc-background-card-on-primary-default-
rest)}.b_genserp_citation_hover_md .hov-item{padding:16px;display:flex;flex-
direction:column;border-radius:12px}.b_genserp_citation_hover_md .hov-
item.b_hide{display:none}.b_genserp_citation_hover_md .hov-item: hover{tex
t-decoration:none;background-color:var(--smtc-background-card-on-primary-
default-rest)}.b_genserp_citation_hover_md .hov-item>div:first-child{gap:6px;
display:flex;flex-direction:row;padding-bottom:4px;align-
items:center}.b_genserp_citation_hover_md .hov-item-src{font-size:13px;line-
height:18px;color:var(--smtc-foreground-content-neutral-primary);white-
space:nowrap}.b_genserp_citation_hover_md .hov-item-url{padding-inline-end
:20px;font-size:13px;line-height:20px;color:var(--bing-smtc-foreground-
content-neutral-secondary-alt);height:auto}.b_genserp_citation_hover_md .ho
v-item-ttl{font-size:16px;line-height:22px;color:var(--smtc-foreground-cont
ent-neutral-primary);padding-block-end:4px;font:var(--bing-smtc-text-global-
body2-strong);max-height:52px}.b_genserp_citation_hover_md .hov-item-snip
{font-size:14px;line-height:22px;color:var(--bing-smtc-foreground-content-neu
tral-secondary-alt);overflow:hidden;text-overflow:ellipsis;display:-webkit-box;-
webkit-line-clamp:2;margin-block-end:var(--smtc-gap-between-content-xx-
small);-webkit-box-orient:vertical}.b_genserp_citation_hover_md .ellipsis{whit
e-space:nowrap;overflow:hidden;text-
overflow:ellipsis}.b_genserp_citation_hover_md .m-ellipsis{display:-webkit-bo
```

```

x;-webkit-box-orient:vertical;-webkit-line-
clamp:2;overflow:hidden}.b_genserp_citation_hover_md .icn-cont{display:flex;
flex-direction:row;align-items:center;gap:5px;border-radius:6px;padding:2px
4px}.b_genserp_citation_hover_md .icn-cont>img{display:flex;justify-content:
center;align-items:center;align-self:flex-start;width:20px;height:20px;border-
radius:2px;background-color:#f5f5f5;flex-shrink:0;margin:0}@media screen
and (max-width:1259px){.b_genserp_citation_hover_md
.hov{width:350px}}@keyframes toTop{0%{transform:translateY(50px)}100
%{transform:translateY(0)}}.b_genserp_citation_hover_md .hov-item:hover{b
ackground:var(--bing-smtc-background-card-on-primary-alt-
rest)}.b_genserp_citation_hover_md .hov-item:hover .hov-item-ttl{text-decora
tion:underline}.hov-item-ttl.chk.m-ellipsis.new-color{color:var(--bing-smtc-
foreground-content-brand-rest)}.b_genserp_citation_hover_md .hov-item-link{
margin-block-end:0;display:flex;gap:var(--smtc-gap-between-content-x-small)
}.hov-item-site-bubble{width:max-content;display:flex;padding-
bottom:var(--smtc-gap-between-content-x-small)}.hov-item-site-bubble .hov-
item-fav{width:fit-content}.hov-item-site-bubble .hov-item-sitename{color:var
(--smtc-foreground-content-neutral-primary);padding-left:var(--smtc-gap-
between-content-x-small);font:var(--bing-smtc-text-global-body3)}#b_results
.b_genserp_container .gs_main .gs_temp .gs_caphead .gs_caphead_main
.gs_heroTextHeader.gs_heroText54,#b_results .b_genserp_container .gs_main
.gs_temp .gs_caphead .gs_caphead_main .gs_heroTextHeader.gs_heroText54
.gs_herotxt{font-size:54px;line-height:64px}#b_results .b_genserp_container
.gs_main .gs_temp .gs_caphead .gs_caphead_main
.gs_heroTextHeader.gs_heroText36,#b_results .b_genserp_container .gs_main
.gs_temp .gs_caphead .gs_caphead_main .gs_heroTextHeader.gs_heroText36
.gs_herotxt{font-size:36px;line-height:48px}#b_results .b_genserp_container
.gs_main .gs_temp .gs_caphead .gs_caphead_main
.gs_heroTextHeader.gs_heroText24,#b_results .b_genserp_container .gs_main
.gs_temp .gs_caphead .gs_caphead_main .gs_heroTextHeader.gs_heroText24
.gs_herotxt{font-size:24px;line-height:32px}.gs_heroTextHeader.gs_text p{lin
e-height:30px!important;font-size:28px;font-weight:400;color:var(--bing-smtc-
foreground-content-brand-rest);padding-block-end:5px}.gs_heroTextHeader
.gs_caphead .gs_text h6.gs_heroTextHeader .gs_caphead .gs_text
.gs_herotxt{padding-block-end:12px}.gs_heroTextHeader
.b_hover{cursor:pointer}.gs_heroTextHeader .b_hover>span{text-decoration-of
fset:1px;text-decoration-line:underline;text-decoration-style:dotted;text-decor
ation-color:var(--bing-smtc-foreground-content-brand-rest)}.gs_card_ans{over
flow:hidden;position:relative;z-index:1;transition:box-shadow 300ms cubic-bez
ier(.3,0.3,1)}.gs_card_ans.b_wpt_bl_back{background:var(--bing-smtc-backgro
und-card-on-primary-alt-hover)}.gs_card_ans.b_wpt_bl_bord{box-shadow:var(-
bing-smtc-shadows-card)}.gs_card_ans:not(.gs_nh):hover{box-shadow:var(--b
ing-smtc-shadows-card-hover-3)}.gs_card_ans:not(.gs_nh):hover::after{opacit
    
```

```

y:1}.gs_card_ans:not(.gs_nh):active{box-shadow:var(--bing-smtc-shadows-flyo
ut)}.gs_card_ans:not(.gs_nh):active::after{opacity:0}.gs_card_ans::after{cont
ent:' ';width:100%;height:100%;position:absolute;top:0;background:rgba(0,0,0
.03);z-index:4;opacity:0;transition:opacity 300ms cubic-bezier(.3,0.3,1);pointe
r-events:none}.gs_card_col_2{width:200px}.gs_card_row_2{height:200px}.gs_
card_row_2.ggs_card_ans{height:200px}.gs_card_row_2.ggs_card_ht{height:22
3px}.gs_card_col_3{width:312px}.gs_card_col_4{width:424px}.gs_card_col_5
{width:536px}.gs_card_col_6{width:648px}.gs_card_col_8{width:872px}.gs_c
ard_col_9{width:984px}.gs_card_col_11{width:1208px}.gs_card_row_3{heigh
t:312px}.gs_card_row_3.ggs_card_ans{max-height:312px}.gs_card_row_3.ggs_c
ard_ht{height:335px}.gs_card_row_4{height:424px}.gs_card_row_4
.ggs_card_ans{max-height:424px}.gs_card_row_1{height:88px}.gs_card_row_1
.ggs_card_ans{max-height:88px}.gs_card_col_1{width:88px}.gs_pre_cont{wid
th:100%;position:relative;padding-block-end:var(--smtc-gap-between-content-
x-small);display:flex}.gs_main{position:relative;padding-block-end:var(--smtc-
gap-between-content-x-large)}.gs_main.ggs_card a.ggs_main.ggs_cit_cont
a{text-decoration:none}.gs_main.ggs_card a:hover.ggs_cit_title.ggs_main
.ggs_cit_cont a:hover.ggs_cit_title{text-decoration:underline}.gs_main
.ggs_cit_cont.ggs_cit_card_link{display:contents}.gs_main.b_ggs_emimg a{displ
ay:block;border-radius:var(--mai-smtc-corner-card-
default);overflow:hidden}.gs_main.b_ggs_emimg a:focus{display:inline-
flex;outline-offset:-2px}.gs_main.b_ggs_emimg a img{display:block}.gs_main
.ggs_card_col_1.ggs_card_row_1.b_ggs_emimg a{border-radius:var(--mai-smtc-
corner-list-card-default)}.gs_main.kc_imgcolcard.cico a:focus{display:inline-
flex;outline-offset:-2px}.b_genserp_container
.b_module_expansion_control{position:relative}.b_genserp_container
.b_btnContainer{bottom:-14px;z-index:9}.b_genserp_container
.b_CompactExpansion.b_genserp_container.b_CompactExpansion:hover{back
ground-color:var(--bing-smtc-foreground-content-brand-rest)}.b_ggs_bottom_co
ver{position:absolute;width:100%;height:50px;bottom:0;left:0;background:rad
ial-gradient(55.5% 88.53% at 50% 100%,var(--bing-smtc-background-card-on-
primary-alt-rest) 0%,rgba(255,255,255,0) 75%),linear-
gradient(180deg,rgba(255,255,255,0) 0%,rgba(255,255,255.5) 75.52%);backg
round-repeat:no-repeat;transition:.3s;border-
radius:0}.b_genserp_container:hover
.b_ggs_bottom_cover{height:10px}.b_removeShadow.b_ggs_bottom_cover{z-
index:0}.gs_main.b_removeShadow.b_ggs_bottom_cover{bottom:0;background:
d:none}.gs_main.b_removeShadow:has(.b_CompactExpansion){padding-block-
end:var(--smtc-padding-content-xx-large)}.gs_main:has(.gsqna_feedback_bel
ow){padding-block-end:var(--smtc-gap-between-content-
medium)}.gs_pre_cont.ggs_icon{margin-inline-end:var(--smtc-gap-between-co
ntent-x-small);font:var(--bing-smtc-text-global-caption2);color:var(--smtc-foreg
round-content-neutral-secondary);display:inline-block;vertical-align:top;margin

```

```
-block-start:var(--smtc-gap-between-content-xx-small);cursor:pointer;width:28px;
height:28px;background:url(/rp/em88jYr3ZOv7yX3AqoOU5z8EEEnA.png) no-repeat;
background-size:28px 28px;transition-property:opacity,visibility;transition-delay:1000ms,1000ms;
transition-duration:0s;transition-timing-function:cubic-bezier(.75,0.25,1);opacity:1;visibility:visible}
.gs_disclaimer{display:inline-block;font:var(--bing-smtc-text-global-body3)}.gs_ai{font:var(--bing-smtc-text-global-body3);color:var(--smtc-foreground-content-neutral-primary)}.gs_ai2{font:var(--bing-smtc-text-global-caption2);color:var(--bing-smtc-foreground-content-neutral-tertiary)}.gs_aino2{padding-block-start:var(--smtc-gap-between-content-x-small)}#b_results #b_genserp_container .gs_ai2 a{color:inherit}.gs_cont_title{color:var(--bing-smtc-foreground-content-brand-rest);font:var(--bing-smtc-text-global-subtitle1-strong);padding-block-end:var(--smtc-gap-between-content-medium)}.gs_pre_cont_title{display:inline-block;padding-top:var(--smtc-gap-between-content-x-small);padding-right:var(--mai-smtc-padding-card-default);flex:auto}.b_genserp_container .gs_pre_cont_title h1.b_genserp_container .gs_pre_cont_title h2{color:var(--smtc-foreground-content-neutral-primary);font:var(--bing-smtc-text-global-body-2-alt-strong)}.gs_pre_cont.gs_hv2{padding-bottom:var(--smtc-gap-between-content-small)}.gs_heroTextHeader.gs_heroText{color:var(--smtc-foreground-content-neutral-primary);word-break:normal}.gs_heroTextHeader.gs_heroText20.gs_heroTextHeader.gs_heroText20 .gs_p>strong.gs_heroText.gs_heroText20.gs_heroText.gs_heroText20 .gs_p>strong{font:var(--bing-smtc-text-global-subtitle1-strong)}.gs_heroTextHeader.gs_heroText24.gs_heroTextHeader.gs_heroText24 .gs_p>strong.gs_heroText.gs_heroText24.gs_heroText.gs_heroText24 .gs_p>strong{font:var(--bing-smtc-text-global-title2-strong)}.gs_heroTextHeader.gs_heroText36.gs_heroTextHeader.gs_heroText36 .gs_p>strong.gs_heroText.gs_heroText36.gs_heroText.gs_heroText36 .gs_p>strong{font:var(--bing-smtc-text-global-title1)}.gs_heroTextHeader.gs_heroText40.gs_heroTextHeader.gs_heroText40 .gs_p>strong.gs_heroText.gs_heroText40.gs_heroText.gs_heroText40 .gs_p>strong{font:var(--bing-smtc-text-global-display2)}.gs_temp .gs_pre_cont{display:flex;justify-content:space-between;align-items:start}.gs_pre_cont.gs_hv2.gsqna_feedback_below{padding-top:var(--smtc-gap-between-content-medium);padding-bottom:0;justify-content:end}.gs_pre_cont.gs_hv2.gsqna_feedback_below .gs_secctrl_item.gs_aidisc{order:2}.gs_title{display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;overflow:hidden;text-overflow:ellipsis;font:var(--bing-smtc-text-global-subtitle2-strong);margin-block-end:var(--smtc-gap-between-content-x-small)}.gs_secctrl~.gs_title.gs_secctrl~div .gs_temp_content .gs_title{padding-top:var(--smtc-gap-between-content-x-small)}.gs_sect_line{width:648px;height:1px;margin-block:var(--smtc-gap-between-content-x-large)}.gs_exp_outlink{display:inline-block;padding-block:var(--smtc-gap-between-content-x-
```

```

small);font:var(--bing-smtc-text-global-body3)}.gs_temp:last-child .gs_sect_line{display:none}.gs_card_mc{display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:1;overflow:hidden;padding-block-start:var(--smtc-gap-between-content-xx-small)}.gs_card_mc .gs_card_mc_content{display:flex;flex-direction:row;flex-wrap:nowrap;height:17px}.gs_card_mc .gs_card_mc_content .gs_card_mc_bulb{height:14px;font:var(--bing-smtc-text-global-body3);position:relative;inset-block-start:-1px}.gs_card_mc .gs_card_mc_content .gs_card_mc_bulb svg{fill:var(--bing-smtc-foreground-content-neutral-secondary-alt)}.gs_card_mc.mc_v2 .gs_card_mc_content{height:22px}.gs_card_mc.mc_v2 .gs_card_mc_text{color:var(--bing-smtc-foreground-content-neutral-tertiary);font:var(--bing-smtc-text-global-body3);height:22px}.gs_card_mc.mc_v2 .gs_card_mc_arrow{border-block-end:1px solid var(--smtc-background-ctrl-brand-pressed);border-inline-start:1px solid var(--smtc-background-ctrl-brand-pressed);width:12px;height:12px;margin-inline-end:var(--smtc-gap-between-content-xx-small)}.gs_card_mc_text{color:var(--bing-smtc-foreground-content-neutral-secondary-alt);display:-webkit-box;-webkit-line-clamp:1;-webkit-box-orient:vertical;overflow:hidden;text-overflow:ellipsis;padding-inline-start:var(--smtc-gap-between-content-xx-small)}.gs_card_ans{border-radius:var(--mai-smtc-corner-card-default)}.gs_card_ans:focus-within{overflow:unset}.gs_card_ans:focus-within .mc_vtvc{overflow:unset}.gs_card_col_1.gs_card_row_1 .gs_card_ans{border-radius:var(--mai-smtc-corner-list-card-default)}.b_genserp_container .fdbk_th mb_root{padding-top:var(--smtc-gap-between-content-x-small)}#gs_status{height:0;overflow:hidden}.gs_sup_cit.b_hide{visibility:hidden;display:none;width:0;height:0;padding-inline-end:0;position:absolute}#b_results>li .b_genserp_container a{color:var(--bing-smtc-foreground-content-brand-rest)}.b_genserp_container{margin:0 0 32px 0}.b_genserp_container h1.b_genserp_container h2{font:var(--bing-smtc-text-global-subtitle1-strong);color:var(--smtc-foreground-ctrl-neutral-primary-hover)}.b_genserp_container h3.b_genserp_container h4.b_genserp_container h5{font:var(--bing-smtc-text-global-subtitle2-strong);color:var(--smtc-foreground-ctrl-neutral-primary-hover)}.b_genserp_container .b_genserp_container .gs_text h6.b_genserp_container .b_genserp_container .gs_text .gs_herotxt{font:var(--bing-smtc-text-global-title2-strong);color:var(--bing-smtc-background-ctrl-brand-rest)}.b_genserp_container .b_genserp_container .gs_text h6:not(:first-child).b_genserp_container .b_genserp_container .gs_text .gs_herotxt:not(:first-child){padding-block-start:var(--smtc-gap-between-content-small)}.b_genserp_container .b_genserp_container .gs_text h6:not(:last-child).b_genserp_container .b_genserp_container .gs_text .gs_herotxt:not(:last-child){padding-block-end:var(--smtc-gap-between-content-small)}.b_genserp_container .gs_text>p+p.b_genserp_container .gs_text>.gs_p+.gs_p.b_genserp_container .gs_text>div>p+p.b_genserp_container .gs_text>div>.gs_p+.gs_p{margin-

```

```

block-start:var(--smtc-gap-between-content-x-small)}.b_genserp_container
.gs_text>:not(h2)+h2.b_genserp_container
.gs_text>:not(h3)+h3.b_genserp_container
.gs_text>:not(h4)+h4.b_genserp_container
.gs_text>:not(h5)+h5.b_genserp_container
.gs_text>div>:not(h2)+h2.b_genserp_container
.gs_text>div>:not(h3)+h3.b_genserp_container
.gs_text>div>:not(h4)+h4.b_genserp_container .gs_text>div>:not(h5)+h5{m
argin-block-start:var(--smtc-gap-between-content-x-large)}.gs_text{position:r
elative;color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-
smtc-text-global-body2)}.gs_text ul.gs_text ol{margin-block:var(--smtc-gap-be
tween-content-x-small);margin-inline-start:var(--smtc-gap-between-content-x-
large)}.gs_text ul>li.gs_text ol>li{margin-block-end:var(--smtc-gap-between-
content-x-small)}.gs_text ul>li{list-style:disc}.gs_text ol>li{list-
style:decimal}.gs_text code{white-space:pre-wrap}.gs_text
.gs_scroll_container.gs_table_scroll{position:relative}.gs_text
.gs_scroll_container.gs_table_scroll
.gs_table_wrapper{position:relative}.gs_text
.gs_scroll_container.gs_table_scroll table{transition:.5s}.gs_text
.gs_scroll_container.gs_table_scroll table tbody td{max-width:700px;min-
width:20px}.gs_text .gs_scroll_container.gs_table_scroll:hover
.b_gs_scroll_rbtn.gs_text .gs_scroll_container.gs_table_scroll:hover
.b_gs_scroll_lbtn{display:block}.gs_text .gs_scroll_container.gs_table_scroll
.b_gs_scroll_rbtn.gs_text .gs_scroll_container.gs_table_scroll
.b_gs_scroll_lbtn{display:none;top:calc(50% - 11px);right:10px;width:30px;hei
ght:30px;position:absolute;cursor:pointer;background-color:#fff;border-
radius:50%;border:1px solid var(--secbrdcol);box-shadow:0 2px 3px 0
rgba(0,0,0,0.1)}.gs_text .gs_scroll_container.gs_table_scroll .b_gs_scroll_rbtn
div.gs_text .gs_scroll_container.gs_table_scroll .b_gs_scroll_lbtn div{width:30p
x;height:30px;background-repeat:no-repeat;background-position:8px
7px;background-size:16px 16px}.gs_text .gs_scroll_container.gs_table_scroll
.b_gs_scroll_rbtn:hover.gs_text .gs_scroll_container.gs_table_scroll .b_gs_scroll
_lbtn:hover{background-color:var(--smtc-background-card-on-primary-default-
pressed);box-shadow:var(--bing-smtc-shadows-card-hover-1)}.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_rbtn:hover div.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_lbtn:hover div{background-
size:16px 16px}.gs_text .gs_scroll_container.gs_table_scroll .b_gs_scroll_lbtn{l
eft:var(--smtc-gap-between-content-x-small);transform:scaleX(-1)}.gs_text
.gs_scroll_container:not(.gs_table_scroll) .b_gs_right_cover.gs_text
.gs_scroll_container:not(.gs_table_scroll)
.b_gs_scroll_btn{display:none}.gs_text .gs_scroll_container.gs_scroll_left_end
.b_gs_scroll_lbtn.gs_text .gs_scroll_container.gs_scroll_right_end
.b_gs_scroll_rbtn{display:none!important}.gs_text
    
```

```
.gs_table_wrapper{overflow:hidden;width:100%;height:100%}.gs_text table{font:var(--bing-smtc-text-global-body2);width:100%;min-width:100%;margin-block-start:var(--smtc-gap-between-content-x-large);border-collapse:separate}.gs_text table th.gs_text table td{padding-block:var(--smtc-gap-between-content-small);padding-inline:var(--smtc-gap-between-content-medium)}.gs_text table thead th{font:var(--bing-smtc-text-global-body2-strong);background-color:var(--bing-smtc-background-card-on-primary-alt-hover);border-top:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table thead th:first-child{border-start-start-radius:var(--mai-smtc-corner-card-default);border-left:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table thead th:last-child{border-start-end-radius:var(--mai-smtc-corner-card-default);border-right:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table tbody td{background-color:var(--mai-smtc-foreground-ctrl-on-image-rest);border-bottom:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table tbody td:first-child{border-left:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table tbody td:last-child{border-right:1px solid var(--smtc-background-card-on-primary-default-pressed)}.gs_text table tbody tr:last-child td:first-child{border-end-start-radius:var(--mai-smtc-corner-card-default)}.gs_text table tbody tr:last-child td:last-child{border-end-end-radius:var(--mai-smtc-corner-card-default)}.gs_text .b_hover{cursor:pointer}.gs_text .b_hover>span{text-decoration-color:var(--bing-smtc-foreground-content-brand-rest);background-color:var(--bing-smtc-background-card-on-primary-alt-hover);text-decoration-offset:1px;text-decoration-line:underline;text-decoration-style:dotted}#b_results .gs_text p{line-height:26px}h6.b_cit_parent>span{padding:0 0}.gs_text sup{position:relative;top:-1px;margin-block:0;margin-inline:var(--smtc-padding-ctrl-text-side);min-width:14px;height:14px;text-decoration-color:transparent;outline:transparent solid 1px;color:var(--bing-smtc-foreground-content-brand-rest);background:var(--bing-smtc-background-card-on-primary-alt-hover)}.gs_temp .img_horizontal_list .see_all{display:none}#b_genserp_container .gs_text_truncate{display:-webkit-box;-webkit-box-orient:vertical;text-overflow:ellipsis;overflow-y:clip}#b_genserp_container .gs_trunc_hide{display:none}.gs_table_truncate tr:nth-child(3) td:first-child{border-end-start-radius:var(--mai-smtc-corner-card-default)}.gs_table_truncate tr:nth-child(3) td:last-child{border-end-end-radius:var(--mai-smtc-corner-card-default)}.gs_table_truncate tr:nth-child(n+4){display:none}.gs_header_table_truncate tr:nth-child(6) td:first-child{border-end-start-radius:var(--mai-smtc-corner-card-default)}.gs_header_table_truncate tr:nth-child(6) td:last-child{border-end-end-radius:var(--mai-smtc-corner-card-default)}.gs_header_table_truncate tr:nth-child(n+7){display:none}.gs_table_exp{display:flex;align-items:center;font:var(--bing-smtc-text-global-caption2-strong);color:var(--smtc-foreground-conte
```

```
nt-neutral-secondary);margin-block:var(--smtc-gap-between-content-xx-small);white-space:nowrap;cursor:pointer}.gs_table_exp
button{background:none;border:0}.gs_table_exp button
:hover{cursor:pointer}.gs_table_exp div{margin-inline-start:var(--smtc-gap-between-content-xx-small)}.gs_table_exp div svg{fill:var(--smtc-foreground-content-neutral-secondary);vertical-align:middle}.gs_table_exp
button[expanded] svg{transform:rotate(180deg)}.gs_text_more{display:flex;align-items:center;color:var(--bing-smtc-foreground-content-brand-rest);font:var(--bing-smtc-text-global-body3-strong);cursor:pointer;background:none;border:0;padding-inline:0;margin-block-start:var(--smtc-padding-ctrl-text-side);text-decoration:none!important;touch-action:none!important}.gs_text_more>svg{fill:var(--bing-smtc-foreground-content-brand-rest);margin-inline-start:var(--smtc-gap-between-content-xx-small)}.gs_frame{width:calc(120%);height:calc(110%);margin-inline-start:-20px;margin-block-start:-15px}.ShowSelAns
.b_genserp_container{margin:0}#b_genserp_container
.b_cit_initiated{cursor:pointer}.b_dark .infobubble_tooltip.infobubble{background-color:var(--sectxt);color:var(--htmlbk)}@media(forced-colors:active){.infobubble_tooltip.infobubble.ifbb_tri_top.infobubble_tooltip.infobubble.ifbb_tri_bottom{border:1px solid transparent}.infobubble_tooltip.infobubble.ifbb_tri_top>.before.infobubble_tooltip.infobubble.ifbb_tri_bottom>.before{border:0}.infobubble_tooltip.infobubble.ifbb_tri_top>.after.infobubble_tooltip.infobubble.ifbb_tri_bottom>.after{border-left-color:canvas;border-right-color:canvas}}#gs_nav_ajax{display:none}@media(forced-colors:active){.gs_text_more>svg.gs_table_exp button
svg{fill:ButtonText}}#b_genserp_container a>sup~strong{padding-inline-end:var(--smtc-gap-between-content-xx-small);margin-left:-2px}.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_rbtn div.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_lbtn div{background-image:url(
```

```
NjkWI7ACbvTyGTrqGokowwzOkmUjkeg2rqVImBgZZzslpe5UaRJ745bp27s/gPXH
xgqO4896gAAAABJRU5ErkJggg==)}.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_rbtn:hover div.gs_text
.gs_scroll_container.gs_table_scroll .b_gs_scroll_lbtn:hover div{background-im
age:url(
AAAA7MK6iAAABLUIEQVRIDcWWvQ0CMQyFTyAqSloGoKVgBDZA7AAzIK5kANg
BNkBswASIGkTBT0dFgeA96SL5Tknn2Jae7pyL8iW52HFRpG2GTzdoB/XS3fS/PDD
kr9Ijz74+l7i9oIG+AX+IN5Vv7VswJ/wR/qY+lhzNH+hsPI33sfxrvqtUwz5gQKc72
wzMa6Sqw1w7gJPvonx/76gAOdzaUIGHcebJ1zC1/BbUHZjTDO2JXwLv5OdDACz2
RGS8AP8LpTdCCFMwjKZTiq7cXu5zRjUlMj5sDYNuGuKPWMyUdMOAW63qblstcv
hcgknlwTikjJlWRjWDtCatHBa5Hlj8xSZa1HBselEHApfVjemBd7LGvk/+T/zV7eLhp
Qs9vmKsDq92sbg6eMtfMQ2kMT6A6p2R+dg4CllvcxxAAAABJRU5ErkJggg==)}
code.md_codblk{background:unset;border:1px solid var(--bing-smtc-stroke-ctr
l-strong);border-radius:var(--mai-smtc-corner-card-default)}.gs_caphead{widt
h:648px;border-radius:var(--mai-smtc-corner-card-default);background-color:v
ar(--bing-smtc-background-card-on-primary-alt-rest);position:relative;overflow:
hidden;margin-block-end:var(--smtc-gap-between-content-
small)}#b_genserp_container .gs_caphead h6,#b_genserp_container
.gs_caphead .gs_herotxt{color:var(--smtc-foreground-content-neutral-primary)
;padding-block-end:var(--smtc-gap-between-content-x-small);font:var(--bing-
smtc-text-global-title2-strong)}#b_genserp_container .gs_caphead h6
sup,#b_genserp_container .gs_caphead .gs_herotxt sup{font-
weight:400}#b_genserp_container .gs_caphead .gs_heroTextHeader .gs_p{col
or:var(--smtc-foreground-content-neutral-primary);padding-block-end:var(--sm
tc-gap-between-content-x-small);font-weight:700}#b_genserp_container
.gs_caphead .gs_heroTextHeader .gs_p a.gs_mdlink{color:var(--smtc-foregrou
nd-content-neutral-secondary)}.gs_caphead_main{position:relative;z-
index:1}.gs_caphead_main .gs_table_wrapper{overflow:visible}.gs_caphead_
main.gs_caphead_main_nav{padding-inline:var(--mai-smtc-padding-card-
default);padding-block:var(--mai-smtc-padding-card-default)
0}.gs_caphead_main .gs_card{float:inline-end;margin-block-end:var(--mai-smt
c-padding-card-default);margin-inline-start:var(--smtc-gap-between-content-x-
small);border-radius:var(--mai-smtc-corner-list-card-default);background:var(--
bing-smtc-background-card-on-primary-alt-rest)}.gs_caphead
.gs_temp_content{padding:var(--mai-smtc-padding-card-default)}.gs_caphead
.gs_temp_content .gs_caphead_main.gs_caphead_main_nav{padding-
inline:0;padding-block:0}.gs_caphead .gs_text ul li{line-
height:28px}.gs_caphead .gs_title.gs_caphead .gs_title h1{color:var(--bing-sm
tc-foreground-content-neutral-secondary-alt);font:var(--bing-smtc-text-global-
body2)}.gs_caphead .gs_title{padding-bottom:var(--smtc-gap-between-
content-x-small);margin-block-end:unset}#b_results #b_genserp_container
.gs_temp a:has(sup){display:none}#b_results .gs_caphead .gs_title
h1,#b_results .gs_caphead .gs_title p{font:var(--bing-smtc-text-global-
```

```

body2)}.gs_caphead .gs_text{font:var(--bing-smtc-text-global-
body1);color:var(--smtc-foreground-content-neutral-secondary)}#b_results
.gs_caphead .gs_text a{text-decoration:underline}#b_results .gs_caphead
.gs_text p{line-height:28px}.gs_caphead_hero .gs_caphead_main{padding-
block:128px var(--mai-smtc-padding-card-default);padding-inline:var(--mai-
smtc-padding-card-default)}#b_results .gs_caphead.ggs_caphead_hero
.gs_title,#b_results .gs_caphead.ggs_caphead_hero .gs_title h1,#b_results
.gs_caphead.ggs_caphead_hero h6,#b_results .gs_caphead.ggs_caphead_hero .g
s_herotxt{color:var(--mai-smtc-foreground-ctrl-on-image-rest)}.gs_caphead.ggs
_caphead_hero{background-color:var(--bing-smtc-ctrl-link-foreground-brand-
alt-visited);min-height:252px}.b_genserp_container
.gs_caphead.ggs_caphead_hero table{color:var(--smtc-foreground-content-
neutral-secondary)}.b_genserp_container .gs_caphead.ggs_caphead_hero table
.gs_table_exp{color:var(--smtc-foreground-content-neutral-
secondary)}.b_genserp_container .gs_caphead.ggs_caphead_hero table
.gs_table_exp svg{fill:var(--smtc-foreground-content-neutral-
secondary)}.gs_caphead.ggs_caphead_hero .gs_text,#b_results
.gs_caphead_hero .gs_text a{color:var(--smtc-foreground-content-neutral-
secondary)}#b_genserp_container .gs_caphead_hero .b_cit_initied:hover{back
ground:none;color:var(--alinkcol,var(--smtc-ctrl-link-foreground-brand-
rest))}.gs_caphead .gs_card_col_6{position:absolute;inset-block-start:0;inset-
inline-start:0;height:auto;z-index:0}.gs_caphead .gs_card_col_6:after{content:
";position:absolute;inset-inline-start:0;inset-block-start:0;width:100%;height:1
00%;display:inline-block;background:-moz-linear-
gradient(0deg,rgba(17,17,17.8) 35%,rgba(17,17,17.08)
100%);background:-webkit-gradient(linear,left bottom,left top,color-stop(35%,
rgba(17,17,17.8)),color-stop(100%,rgba(17,17,17.08)));background:-webkit-
linear-gradient(90deg,rgba(17,17,17.8) 35%,rgba(17,17,17.08) 100%);backgro
und:-o-linear-gradient(0deg,var(--bing-smtc-ctrl-link-foreground-brand-alt-
visited) 0%,rgba(34,34,34,0) 100%);background:-ms-linear-
gradient(0deg,var(--bing-smtc-ctrl-link-foreground-brand-alt-visited)
0%,rgba(34,34,34,0) 100%);background:linear-gradient(0deg,var(--bing-smtc-
ctrl-link-foreground-brand-alt-visited) 0%,rgba(34,34,34,0) 100%);filter:progid:
DXImageTransform.Microsoft.gradient(startColorstr='#a6000000',endColorstr
='#00000000',GradientType=0)}.gs_temp
.gs_pre_cont.ggs_hv2.ggs_notitle{justify-content:end}#b_topw .qna-mf
.b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content
.gs_heroTextHeader,#b_results .qna-mf .b_genserp_container .gs_main
.gs_temp .gs_caphead .gs_temp_content .gs_heroTextHeader{word-
break:break-word}#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp
.gs_caphead .gs_temp_content .gs_heroTextHeader .gs_p,#b_results .qna-mf
.b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content
.gs_heroTextHeader .gs_p{color:var(--bing-smtc-foreground-content-brand-

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```
rest);font:var(--bing-smtc-text-global-subtitle2-strong)}#b_topw .qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_heroTextHeader.lgDA.gs_p,#b_results.qna-mf.b_genserp_container
.gs_main.gs_temp.gs_caphead.gs_temp_content.gs_heroTextHeader.lgDA
.gs_p{font:var(--bing-smtc-text-global-display2)}#b_topw.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_text h2,#b_topw.qna-mf.b_genserp_container.gs_main.gs_temp
.gs_caphead.gs_temp_content.gs_text h3,#b_results.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_text h2,#b_results.qna-mf.b_genserp_container.gs_main.gs_temp
.gs_caphead.gs_temp_content.gs_text h3{color:var(--smtc-foreground-conte
nt-neutral-secondary);font:var(--bing-smtc-text-global-body2-strong)}#b_topw
.qna-mf.b_genserp_container.gs_main.gs_temp.gs_caphead
.gs_temp_content.gs_text.gs_p,#b_results.qna-mf.b_genserp_container
.gs_main.gs_temp.gs_caphead.gs_temp_content.gs_text.gs_p{color:var(--s
mtc-foreground-content-neutral-secondary);font:var(--bing-smtc-text-global-
body2)}#b_topw.qna-mf.b_genserp_container.gs_main.gs_temp
.gs_caphead.gs_temp_content.gs_text.gs_p strong,#b_results.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_text.gs_p strong{font:var(--bing-smtc-text-global-body2-strong)}#b_topw
.qna-mf.b_genserp_container.gs_main,#b_results.qna-mf
.b_genserp_container.gs_main{padding-bottom:var(--smtc-gap-between-
content-x-large)}#b_topw.qna-mf.b_genserp_container.gs_main.gs_temp
.gs_caphead.gs_temp_content.gs_heroTextHeader,#b_results.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content.gs_h
eroTextHeader{padding-block-end:var(--smtc-gap-between-content-
small);margin-block-end:0}#b_topw.qna-mf.b_genserp_container.gs_main
.gs_temp.gs_caphead.gs_temp_content.gs_heroTextHeader.gs_p,#b_results
.qna-mf.b_genserp_container.gs_main.gs_temp.gs_caphead
.gs_temp_content.gs_heroTextHeader.gs_p{padding-bottom:0}#b_topw.qna-
mf.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
h1,#b_topw.qna-mf.b_genserp_container.gs_main.gs_temp.gs_caphead
.gs_temp_content h2,#b_topw.qna-mf.b_genserp_container.gs_main
.gs_temp.gs_caphead.gs_temp_content h3,#b_topw.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_text ul>li,#b_topw.qna-mf.b_genserp_container.gs_main.gs_temp
.gs_caphead.gs_temp_content.gs_text ol>li,#b_results.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
h1,#b_results.qna-mf.b_genserp_container.gs_main.gs_temp.gs_caphead
.gs_temp_content h2,#b_results.qna-mf.b_genserp_container.gs_main
.gs_temp.gs_caphead.gs_temp_content h3,#b_results.qna-mf
.b_genserp_container.gs_main.gs_temp.gs_caphead.gs_temp_content
.gs_text ul>li,#b_results.qna-mf.b_genserp_container.gs_main.gs_temp
```

```
.gs_caphead .gs_temp_content .gs_text ol>li{margin-block-end:var(--smtc-gap-between-content-xx-small)}#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h3)+h3,#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h2)+h2,#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h1)+h1,#b_results .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h3)+h3,#b_results .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h2)+h2,#b_results .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text>:not(h1)+h1{margin-block-start:var(--smtc-gap-between-content-small)}#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text ul,#b_topw .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text ol,#b_results .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text ul,#b_results .qna-mf .b_genserp_container .gs_main .gs_temp .gs_caphead .gs_temp_content .gs_text ol{margin-block:0}#b_topw .qna-mf .b_genserp_container .gs_main .gs_cit_cont,#b_results .qna-mf .b_genserp_container .gs_main .gs_cit_cont{margin-block-start:var(--smtc-gap-between-content-medium)}#b_results .gs_cliptext_full.gs_cliptext_online.gs_cliptext_mobile.gs_caphead.gs_qna_fh{height:238px}#b_results .gs_cliptext_full.gs_cliptext_online.gs_cliptext_mobile.gs_caphead.gs_qna_fh .gs_temp_content .gs_caphead_main{height:232px}#b_results .qna_tlgacont .qna-mf,#b_topw .qna_tlgacont .qna-mf{padding-bottom:0}#b_results li.b_ans.b_qnacdxcont:has(.b_genserp_container),#b_topw li.b_ans.b_qnacdxcont:has(.b_genserp_container){margin-bottom:0;padding-bottom:0}#b_results li.b_ans.b_qnacdxcont:has(.b_genserp_container) .mf-item,#b_topw li.b_ans.b_qnacdxcont:has(.b_genserp_container) .mf-item{padding-bottom:0}.b_topborder .qna_tlgacont .gs_qna_fhl .b_topBleed .b_antiTopBleed{padding-top:0}#b_results li.b_ans:has(.qna_tlgacont) .mf-item{padding-bottom:0}#b_results li.b_ans:has(.qna_tlgacont) .qna_tlgacont.extqna .b_genserp_container.gs_mobile .gs_caphead_main{padding:0}#b_results li.b_ans:has(.qna_tlgacont) .qna_tlgacont.extqna .gs_caphead_main{padding:0 var(--mai-smtc-padding-card-default)}#b_topw .copans_container{padding-bottom:0}#b_topw .copans_container .gs_pre_cont{display:none}#b_topw .mf-item{padding-bottom:0}#b_results li.b_ans:has(.qna-mf):has(.b_genserp_container:not(.gs_mobile)){margin-block-end:var(--smtc-gap-between-content-x-large)}#b_results li.b_ans:has(.qna-mf):has(.b_genserp_container:not(.gs_mobile)) .qna-mf .b_genserp_container:not(.gs_mobile) .gs_main{padding:0;margin:0}#b_results li.b_ans.b_qnacdxcont:has(.qna-mf):
```

```

has(.qna_tlgacont){margin-block-end:var(--smtc-gap-between-content-x-
large)}#b_results .qna-mf .gs_caphead{background-color:var(--smtc-backgrou
nd-card-on-primary-default-rest);margin-block-end:var(--smtc-gap-between-
content-small);border:0}#b_results .qna-mf .gs_caphead
.gs_temp_content{padding:0}#b_results .qna-mf .b_genserp_container
.gs_main .gs_caphead .gs_caphead_main
.gs_card{width:120px;height:120px}#b_results .qna-mf .b_genserp_container
.gs_main .gs_caphead .gs_caphead_main .gs_card
.gs_card_ans{height:120px}#b_results .qna-mf .b_genserp_container
.gs_main .gs_caphead .gs_caphead_main .gs_card .gs_card_ans
img{height:120px;width:120px}#b_results .qna-mf .b_genserp_container
.gs_cits .gs_cit{height:110px}#b_results .qna-mf .b_genserp_container
.gs_cits .gs_cit_wrapper{padding:var(--smtc-gap-between-content-
medium)}#b_results .qna-mf .b_genserp_container .gs_cit_cont.no_back
.gs_cits .gs_cit_wrapper{border:1px solid var(--smtc-stroke-ctrl-on-neutral-rest
);background-color:var(--smtc-background-card-on-primary-default-
rest)}#b_results .qna-mf .gs_pre_cont{width:auto}#b_results .qna-mf
.b_genserp_container.gs_mobile .gs_main .gs_temp .gs_caphead{background:
var(--smtc-background-card-on-primary-default-rest)}#b_results .qna-mf
.b_genserp_container.gs_mobile .gs_main .gs_temp .gs_caphead
.gs_temp_content{padding:0}#b_results .qna-mf
.b_genserp_container.gs_mobile .gs_main .gs_temp .gs_caphead
.gs_caphead_main{display:block}#b_results .qna-mf
.b_genserp_container.gs_mobile .gs_main .gs_temp .gs_caphead
.gs_caphead_main .gs_card{order:0;max-width:100px;max-
height:100px;float:inline-end}#b_results .qna-mf
.b_genserp_container.gs_mobile .gs_main .gs_temp .gs_caphead
.gs_caphead_main .gs_card .gs_card_ans{max-height:100px}.b_dark
.b_ans.b_top.b_topborder.b_qnacdxcont.b_drk .b_ans.b_top.b_topborder.b_qna
cdxcont{background-color:var(--smtc-background-card-on-primary-default-
rest)}#b_results li.b_ans:has(.qna-mf):has(.b_genserp_container:has(.gs_temp
_content.gs_temp_with_feedbackbelow)) .gs_caphead_main{margin-
bottom:var(--smtc-gap-between-content-medium)}
    
```

Solar power generation installed on top

Sample Order
UL/KC/CB/UN38.3/UL



Things You Need to Know Before Installing Rooftop Solar Power System

Rooftop solar panels rely on the ability of the solar cells to harness the energy of the sun and convert it into electricity. It is a small, square-shaped semiconductor that is made from conductive materials

...

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How Rooftops Can Transform Buildings into Power Plants

Learn how Elevate's solar roofs transform commercial buildings into power plants, maximizing energy efficiency with cutting-edge design.



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Solar Rooftop Potential

Solar rooftop potential for an individual rooftop is the amount of solar that could be installed on that rooftop, based on its size, shading, tilt, location, and construction.

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Rooftop Solar

A rooftop solar photovoltaic (PV) system uses solar panels mounted on the roof of a building to convert sunlight into electricity. Rooftop solar systems ...

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Rooftop Solar

Use this buying guidance to learn more about your options, how to ask the right questions of contractors, and to determine if rooftop solar is right for you. Start with a home assessment to understand your ...

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Perfect Guide For Rooftop Solar PV Systems

So to accommodate these obstacles, a type of solar photovoltaic (solar PV) system had been developed which is known as rooftop solar PV systems. This is a type of solar PV system that ...

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Evaluating Rooftop Solar Panel Power Generation

In this article, we will assess the power generation capacity of rooftop solar panels. We will explore essential aspects such as efficiency, configuration, and



geographic influence. Furthermore, we will ...

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Rooftop Solar PV Systems: Definition, and Different Types

A rooftop solar photovoltaic (PV) system uses solar panels mounted on the roof of a building to convert sunlight into electricity. Rooftop solar systems rely on the photovoltaic effect, ...



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How to put solar panels on top , NenPower

Installing solar panels on rooftops requires careful planning, execution, and adherence to safety standards. To successfully place solar panels on top, follow these critical steps: 1. Assess roof ...

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Rooftop solar power

A rooftop solar power system, or rooftop PV system, is a photovoltaic (PV) system that has its electricity -generating solar panels mounted on the rooftop of a

residential or commercial building or structure. [1]

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The Complete Guide to Rooftop Solar Power in 2025

Everything you need to know about rooftop solar power in 2025. From costs and savings to installation and maintenance - your complete guide to home solar panels.

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