Title: Supercapacitor supply price

Generated on: 2026-03-26 06:32:40

Looking for reliable supercapacitor suppliers with competitive pricing? This guide breaks down current market trends, price factors, and key considerations for industrial buyers.

Hybrid LIC Supercapacitors Deliver up to 220 Farad VMF/VPF Hybrid LIC Supercapacitors offer greater energy density, low self-discharge rate, and ultra-fast charging. They can be integrated ...

Mouser offers inventory, pricing, & datasheets for Supercapacitors / Ultracapacitors.

Supercapacitors, also known as ultracapacitors or double-layer capacitors, are electronic devices that are used to store particularly large amounts of electrical charge.

Global Supercapacitor Market Trends and DynamicsSupercapacitor Market SegmentationSupercapacitor Industry Regional AnalysisTop Supercapacitor Companies - Key Market PlayersSupercapacitor Market Report ScopeIn this report, the overall supercapacitor market has been segmented based on type, electrode material, application and region.See more on marketsandmarkets .b_ans .b_mrs{width:648px;contain-intrinsic-size:648px 296px;display:flex;flex-direction:column;align-items:flex-start;gap:var(--smtc-gap-between-content-medium); align-self:stretch;padding:var(--smtc-gap-between-content-medium) 0}.b_ans #b_mrs_DynamicMRS h2{display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:1;line-clamp:1;align-self:stretch;overflow:hidden;color:var(--smtc-foreground-content-neutral-primary);text-overflow:ellipsis;font:var(--bing-smtc-text-global-subtitle2-strong)}.b_ans #b_mrs_DynamicMRS h2 strong{font:var(--bing-smtc-text-global-subtitle2-strong)}#b_results #b_mrs_DynamicMRS .b_vList li{width:320px!important;padding-bottom:0;display:inline-block}#b_mrs_DynamicMRS .b_vList li:not(:nth-last-child(1)):not(:nth-last-child(2)){margin-bottom:var(--smtc-gap-between-content-x-small)}#b_mrs_DynamicMRS .b_vList li:nth-child(odd){margin-right:var(--smtc-gap-between-content-x-small)}#b_mrs_DynamicMRS .b_vList li a{display:flex;height:48px;padding:0 var(--mai-smtc-padding-card-default);align-items:center;gap:var(--smtc-gap-between-content-small);flex-shrink:0;border-radius:var(--smtc-corner-circular);background:var(--smtc-ctrl-input-background-rest);color:var(--bing-smtc-foreground-content-neutral-secondary-alt);transition:background-color

var(--acf-animation-duration-default) var(--acf-animation-ease-default)}#b_mrs_DynamicMRS .b_vList li a:hover{background:var(--smtc-background-ctrl-neutral-hover)}#b_mrs_DynamicMRS .b_vList li a:active{background:var(--smtc-background-ctrl-neutral-pressed)}#b_mrs_DynamicMRS .b_vList li a .b_dynamicMrsSuggestionIcon{display:block;width:20px;height:20px;background-clip:content-box;overflow: hidden;box-sizing:border-box;padding:var(--smtc-padding-ctrl-text-side);direction:ltr}#b_mrs_DynamicMRS .b_vList li a .b_dynamicMrsSuggestionIcon:after{display:inline-block;transform-origin:-762px -40px;transform:scale(.5)}#b_mrs_DynamicMRS .b_vList a .b_dynamicMrsSuggestionText{font:var(--bing-smtc-text-global-body2);display:-webkit-box;text-align:left;- webkit-box-orient:vertical;-webkit-line-clamp:2;line-clamp:2;overflow-wrap:break-word;overflow:hidden;flex :1}#b_mrs_DynamicMRS .b_vList a .b_belowBOPAdsMrsSuggestionText strong{font:var(--bing-smtc-text-global-caption1-strong)}#b_mrs_DynamicMRS .b_vList li a .b_dynamicMrsSuggestionIcon:after{content:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png)}Searches you might likecapacitors for salesupercomputer pricesuper capacitorsupercharger cost.b_context, #b_context, .utilAns, #b_topw { --KcWpPrimary: #FAF5F5; --KcWpSecondary: #7E0B0B; }#b_results h2 #kn_p,#b_results h3 #kn_p,#b_results h4 #kn_p{position:relative;display:inline}#b_pole #kn_p,.b_ans #kn_p{display:none}#kn_a{color:#4007a2;font:14px arial;left:-20px;position:absolute;top:25%}.b_title #kn_a,.b_overflow #kn_a{left:-3px;position:relative}.b_rs .b_vList,.b_rrsr .b_vList{font-size:13px}#b_results .b_ans #brsv3{width:648px;contain-intrinsic-size:648px 296px;display:flex;flex-direction:column;align-items:flex-start;gap:var(--smtc-gap-between-content-medium); align-self:stretch;padding:var(--smtc-gap-between-content-medium) 0}#b_results .b_ans #brsv3 h2{display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:1;align-self:stretch;overflow:hidden;te xt-overflow:ellipsis;color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-smtc-text-global-s ubtitle1)}#b_results #brsv3 .b_vList li{width:320px;padding-bottom:0;display:inline-block}#b_results #brsv3 .b_vList li:not(:nth-last-child(1)):not(:nth-last-child(2)){margin-bottom:var(--smtc-gap-between-content-x-small)}#b_r esults #brsv3 .b_vList li:nth-child(odd){margin-right:var(--smtc-gap-between-content-x-small)}#b_results #brsv3 .b_vList li a{display:flex;height:48px;padding:0 var(--mai-smtc-padding-card-default);align-items:center;gap:var(--smtc-gap-between-content-small);flex-shri nk:0;border-radius:var(--smtc-corner-circular);background:var(--smtc-background-card-on-primary-default-ho ver);font:var(--bing-smtc-text-global-body2)}#b_results #brsv3 .b_vList li a:hover{text-decoration:underline;color:var(--smtc-foreground-content-neutral-secondary)}#b_results #brsv3 .b_vList li a .b_suggestionIcon{width:20px;height:20px;padding:var(--smtc-gap-between-content-x-small)}#b_results #brsv3 .b_vList li a .b_suggestionBk{width:32px;height:32px;padding:0;margin:var(--smtc-gap-between-content-xx-small);backg round:url(/rp/eF3rIdIG4fsLyPy7mzgRnjCDKIA.png) no-repeat -292px 0;transform:scale(.5)}.b_pinrs_ol .b_pinrs .b_suggestionIcon{display:none}#b_results #brsv3 .b_vList li a .b_suggestionIcon svg{width:20px;height:20px}#b_results #brsv3 .b_vList li a .b_suggestionIcon g_sprite{background:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png) no-repeat -762px -40px;transform:scale(.5)}#b_results #brsv3 .b_vList a

.b_suggestionText{display:-webkit-box;text-align:left;-webkit-box-orient:vertical;-webkit-line-clamp:2;overflow-wrap:break-word;overflow:hidden;flex:1;color:var(--smtc-foreground-content-neutral-secondary)}#b_results #brsv3 .b_vList a .b_suggestionText strong{font-weight:bold}#b_results .b_ans .b_rs:not(#brsv3) h2,#b_results .b_rs:not(#brsv3) .b_vlist2col li,#b_results .b_rs:not(#brsv3) .b_vList li{padding-bottom:var(--smtc-gap-between-content-medium)}.b_rs .b_vlist2col ul:first-child{margin-right:var(--smtc-padding-content-xx-large)}People also search forsupercapacitor costsuper capacitor battery pricesupercapacitors for sale0.5f supercapacitor 35vgraphene supercapacitors for saleelectric double capacitors for saleDeep dive into Supercapacitor supply pricesupercapacitor costsuper capacitor battery pricesupercapacitors for sale0.5f supercapacitor 35vgraphene supercapacitors for saleelectric double capacitors for sale12 volt supercapacitorsupercap priceSome results have been removed.sb_pagP_bp:after{transform-origin:-430px 0}.sb_pagP_bp:hover:after,.sb_pagP_bp:active:after,.sb_pagP_bp:focus:after{transform-origin:-514px 0}.sb_pagN_bp:after{transform-origin:-430px 0}.sb_pagN_bp:hover:after,.sb_pagN_bp:active:after,.sb_pagN_bp:focus:after{transform-origin:-514px 0}.sb_inactP:after,.sb_inactP:hover:after{transform-origin:-598px 0}.b_pag a{display:block;text-align:center}.b_pag a.sb_bp{min-width:40px;margin-right:20px;line-height:42px}.b_pag a.sb_pagN,.b_pag a.sb_pagP{border:0;padding:1px}.b_pag a.sb_pagN_bp,.b_pag a.sb_pagP_bp{width:40px;height:40px;margin-top:0}.b_pag a.sb_bp.sb_inactP{min-width:38px}.b_pag a.sb_pagP_bp.sb_inactP{width:38px}.b_pag a.b_roths{transform:rotate(180deg)}.b_pag .sw_prev,.b_pag .sw_next{margin:2px}@media screen and (forced-colors:active){.sb_pagN:after,.sb_pagP:after{content:""}li.b_pag a.sb_pagN,li.b_pag a.sb_pagP{width:auto}li.b_pag a.b_roths{transform:rotate(0deg)}.b_pag .sw_next,.b_pag .sw_prev{display:block}}z{a:1}Pagination123Next#b_content #b_context > .b_ans{background-color:transparent;}#b_content #b_results.b_kcwptheme > li .b_deep h3 a{color:#7E0B0B;}#b_content #b_results.b_kcwptheme > li h2 a{color:#7E0B0B;}#b_content #b_results.b_kcwpthemeb > li .b_deep h3 a:hover{color:#7E0B0B;}#b_content #b_results.b_kcwpthemeb > li h2 a:hover{color:#7E0B0B;}#b_context .kcm-dtab-name-icon path{fill:#7E0B0B !important;}#b_results .lite-entcard-blk .l_ecrd_simgset{padding:16px 1px;}#b_results>li .l_ecrd_simgset a.l_ecrd_rq_btxt{color:var(--smtc-foreground-content-neutral-primary);}#b_topw ~ aside #b_context .b_ans:first-child .l_ecrd_nt{margin-top:10px;}#shdlg #shdlg-main, #shdlg.wide div#shdlg-main{background-color:unset;border:0;}#shdlg-sharesarea{background-color:#fff;}*:not(.l_ecrd_hero_ttl) > div > a.l_ecrd_txt_lnk.l_ecrd_txt_hover:hover,*:not(.l_ecrd_hero_ttl) > div > a.l_ecrd_item_hover:hover{color:var(--smtc-foreground-content-neutral-primary);}.b_dark .l_ecrd_a1_officialsite{border-bottom:1px solid var(--brdcol);}.b_dark .l_ecrd_d3_svg svg{stroke:#ddd;}.b_dark .l_ecrd_ftr_txt, .b_dark .lite-entcard-main .l_ecrd_ftr_txt a, .b_dark .lite-entcard-main .l_ecrd_ftr_txt a:visited {color:#767676;}.b_dark .l_ecrd_imgpair_svg svg{stroke:#ddd;}.b_dark .l_ecrd_mrabt_txt{color:#FAF9F8;}.b_dark .l_ecrd_txt_gl{color:var(--smtc-foreground-content-neutral-primary);}.b_dark .lite-entcard-blk:not(:last-child):not(.l_ecrd_bkg_bdrls), .b_dark .lite-entcard-main > div:not(:last-child) > .lite-entcard-blk:not(.l_ecrd_bkg_bdrls) {border-bottom-color:var(--cardsbk);}.b_dark

.lite-entcard-main{background-color:#f7f7f7;box-shadow:0 0 0 1px #E1E1E1, 0 2px 3px 0 #E1E1E1;}.b_dark .lite-entcard-main, .b_dark .lite-entcard-main a, .b_dark .lite-entcard-main a:visited {color:#444;}.b_dark .lite-entcard_efd8d .l_ecrd_tabtbl .tfil-active, #bpage.b_drk .lite-entcard_efd8d .l_ecrd_tabtbl .tfil-active{background-color:#ECC2C6 !important;border:1px solid #ECC2C6 !important;color:#292827 !important;}.b_dark .lite-entcard_efd8d .l_ecrd_hov_thm:hover{background-color:unset;}.b_dark a.l_ecrd_a1_seemorelink:link{color:var(--acf-color-fore-semantic-link);}.b_dark a.l_ecrd_a1_seemorelink:visited{color:var(--bing-smtc-ctrl-link-foreground-brand-alt-visited);}.b_kcwptheme bg{background-color:#FAF5F5 !important;}.kc-dtab-name{background-color:#FAF5F5;border:1px solid #7E0B0B;}.kcm-dtab-name{background-color:#FAF5F5;color:#7E0B0B;}.l_acf_car[data-wptds-carousel] li[data-wptds-carousel-item]:has(.l_acf_car_imgset_cont:hover) > .l_acf_car_item .l_acf_car_tim .l_acf_car_tim_dot,.l_acf_car[data-wptds-carousel] li[data-wptds-carousel-item]:has(.l_acf_car_imgset_cont:focus) > .l_acf_car_item .l_acf_car_tim .l_acf_car_tim_dot{background:#7E0B0B;}.l_acf_smry .l_ecrd_webicons > div{overflow:visible;}.l_acf_smry .l_ecrd_webicons > div > a{display:block;outline-offset:6px;overflow:hidden;position:relative;z-index:1;}.l_acf_smry .l_ecrd_webicons > div:focus-within{outline:none;}.l_acf_smry .l_ecrd_webicons a .sp-tpwebicons{border-radius:50%;overflow:hidden;}.l_descfullcit .l_ecrd_webicon_txtside{gap:var(--smtc-gap-between-content-x-small);}.l_descfullcit .l_ecrd_webicon_txtside .l_ecrd_webicon_txt{color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-smtc-text-global-caption1);}.l_descfullcit .l_ecrd_webicon_txtside .sp-tpwebicons{max-height:20px;max-width:20px;}.l_descfullcit .l_ecrd_webicon_txtside .sp-tpwebicons > svg{max-height:20px;max-width:20px;}.l_descfullcit:hover .l_ecrd_webicon_txtside .l_ecrd_webicon_txt{text-decoration:none;}.l_ecrd_a1{padding:16px 20px;}.l_ecrd_a1 .spl_trnsths{padding-top:var(--smtc-gap-between-content-small);}.l_ecrd_a1 div.SITE{padding:0 var(--smtc-gap-between-content-x-small) 0 0;}.l_ecrd_a1_officialsite{border-bottom:none;padding:16px 20px;}.l_ecrd_bkg_img{position:absolute;z-index:-1;}.l_ecrd_d3{padding:16px 20px;}.l_ecrd_d3_fct2{padding-bottom:16px;}.l_ecrd_d3_fct3{clear:both;}.l_ecrd_d3_fct3 .l_ecrd_imgpair_img{padding-top:16px;}.l_ecrd_d3_fct_l .l_ecrd_d3_img{float:right;padding-bottom:12px;padding-left:12px;position:relative;z-index:1;}.l_ecrd_d3_fct_r .l_ecrd_d3_img{float:left;padding-bottom:12px;padding-right:12px;position:relative;z-index:1;}.l_ecrd_d3_svg{display:flex;}.l_ecrd_d3_svg svg{height:1px;padding-bottom:16px;padding-top:16px;stroke:#DDD;stroke-width:2px;width:calc(100% + 20px);}.l_ecrd_ftr{display:flex;padding:12px 20px;position:relative;}.l_ecrd_ftr_seemore{background:#FFF;border:1px solid;border-radius:18px;bottom:-16px;font-weight:700;left:0;line-height:18px;margin:auto;padding:4px 16px;position:absolute;right:0;width:fit-content;z-index:1;}.l_ecrd_ftr_txt a,.l_ecrd_ftr_txt a:visited{text-decoration:underline;}.l_ecrd_ftr_txt,.l_ecrd_ftr_txt a,.l_ecrd_ftr_txt a:visited,.fdbtext{color:#444;font-size:11px;line-height:15px;}.l_ecrd_ftr_txt.hover_underline

a,.l_ecrd_ftr_txt.hover_underline a:visited{text-decoration:none;}.l_ecrd_ftr_txt.hover_underline a:hover{text-decoration:underline;}.l_ecrd_hero{padding-top:1px;}.l_ecrd_hero .cico{border-radius:0;}.l_ecrd_hero .l_ecrd_rel .cico{overflow:visible;}.l_ecrd_hero .l_ecrd_rel .cico a{display:inline-block;}.l_ecrd_hero .l_ecrd_webicons{direction:ltr;margin-left:var(--mai-smtc-padding-card-default);margin-top:-14px;position:relative;}.l_ecrd_hero .l_ecrd_webicons > div{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);}.l_ecrd_hero .l_ecrd_webicons > div:hover{box-shadow:0 1px 4px 1px rgb(0 0 0 / 40%);transform:scale(1.10,1.10);transition:all ease-in-out .2s;}.l_ecrd_hero .l_ecrd_webicons_with_title_hover{direction:ltr;margin-left:var(--mai-smtc-padding-card-default);margin-top:-14px;position:relative;z-index:2;}.l_ecrd_hero .l_ecrd_webicons_with_title_hover .l_ecrd_webicon_with_title_item{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);}.l_ecrd_hero .spl_share{bottom:40px;color:var(--mai-smtc-foreground-ctrl-on-image-rest);position:absolute;right:var(--smtc-gap-between-content-x-small);z-index:1;}.l_ecrd_hero .spl_share a, #b_content .spl_share a{background:rgba(0, 0, 0, .7);border-radius:var(--smtc-corner-card-rest);color:var(--mai-smtc-foreground-ctrl-on-image-rest);}.l_ecrd_hero .spl_share svg{fill:var(--mai-smtc-foreground-ctrl-on-image-rest);margin:var(--smtc-gap-between-content-x-small);stroke:var(--mai-smtc-foreground-ctrl-on-image-rest);width:var(--smtc-gap-between-content-small);}.l_ecrd_hero.cliphero{padding-top:0;}.l_ecrd_hero.cliphero .l_ecrd_rel{border-top-left-radius:var(--mai-smtc-corner-list-card-nested-default);border-top-right-radius:var(--mai-smtc-corner-list-card-nested-default);display:initial;overflow:unset;}.l_ecrd_hero.kcHeroClip{clip-path:url(#kcHeroClip);;}.l_ecrd_hero_smi{background:rgba(0, 0, 0, .7);border-radius:var(--smtc-corner-card-rest);color:var(--mai-smtc-foreground-ctrl-on-image-rest);height:var(--smtc-gap-between-content-small);padding:var(--smtc-padding-ctrl-sm-horizontal-default);position:absolute;right:var(--smtc-padding-ctrl-sm-horizontal-default);}.l_ecrd_hero_smi > div{float:right;font:var(--bing-smtc-text-global-caption1);margin-left:var(--smtc-gap-between-content-x-small);margin-top:-8px;}.l_ecrd_hero_smi > svg{float:left;}.l_ecrd_hero_ttl,.l_ecrd_hero_subttl,.l_ecrd_hero_desc,.l_ecrd_txt_bld{font-weight:bold;}.l_ecrd_hero_txt{left:var(--mai-smtc-padding-card-default);position:absolute;z-index:1;}.l_ecrd_hero_txt > div:not(:last-of-type){margin-bottom:var(--smtc-gap-between-content-x-small);}.l_ecrd_hero_txt,#b_content .l_ecrd_hero_txt p,.lite-entcard-main .l_ecrd_hero_txt div,.lite-entcard-main .l_ecrd_hero_txt a,.lite-entcard-main .l_ecrd_hero_txt a:visited,.lite-entcard-head .l_ecrd_hero_txt div,.lite-entcard-head .l_ecrd_hero_txt a,.lite-entcard-head .l_ecrd_hero_txt a:visited,#bpage.b_drk .lite-entcard-head .l_ecrd_hero_txt a,#bpage.b_drk .lite-entcard-head .l_ecrd_hero_txt a:visited{color:#fff;}.l_ecrd_hero_txt.l_ecrd_hero_txt_bottom{bottom:10%;}.l_ecrd_hero_txt.l_ecrd_hero_txt_bottom_claim{bottom:0px;}.l_ecrd_hero_txtmsk{text-shadow:0 0 40px rgb(0 0 0), 0 0 20px rgb(0 0 0 / 50%), 0 0 10px rgb(0 0 0 / 20%);}.l_ecrd_hov{min-height:30px;position:fixed;text-align:left;visibility:hidden;width:233px;}.l_ecrd_hov .l_ecrd_hov_qna .l_ecrd_hov_qna_site_txt{font-size:13px;font-weight:700;line-height:20px;overflow:hidden;text-overflow:elli

psis;white-space:nowrap;}.l_ecrd_hov.lc_hoverhook{box-shadow:0 4px 12px 0 rgb(0 0 0 / 35%);}.l_ecrd_hov_qna .l_ecrd_txt{font-size:12px;line-height:16px;position:relative;}.l_ecrd_hov_qna a{text-decoration:none;}.l_ecrd_hov_qna_site{align-items:center;display:flex;padding:0 12px 12px 12px;}.l_ecrd_hov_qna_site .sp-tpwebicons.SITE{flex-shrink:0;padding:0 8px 0 0;}.l_ecrd_hov_qna_site_fav{border-radius:4px;flex-shrink:0;height:20px;margin-right:8px;overflow:hidden; width:20px;}.l_ecrd_hov_qna_site_top{padding-top:12px;}.l_ecrd_hov_qna_txt{padding:12px;position:relati ve;}.l_ecrd_hov_qna_txt p{position:relative;}.l_ecrd_imcolheader .l_ecrd_webicon_with_title_txtside{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);}.l_ecrd_imcolheader .l_ecrd_webicons_with_title_hover{margin-left:-12px;padding-bottom:16px;}.l_ecrd_imcolheader .l_ecrd_webicons_with_title_hover .l_ecrd_webicon_with_title_item{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);}.l_ecrd_imcolheader.gradient .l_ecrd_claimed_thumb svg path, .l_ecrd_hero .l_ecrd_claimed_thumb svg path{fill:#FFF;}.l_ecrd_imcolheader.gradient .l_ecrd_claimed_tip:hover:before, .l_ecrd_imcolheader.gradient .l_ecrd_claimed_tip:hover:after,.l_ecrd_hero .l_ecrd_claimed_tip:hover:before,.l_ecrd_hero .l_ecrd_claimed_tip:hover:after{background-color:#FFF;color:#444;}.l_ecrd_imcolheader.gradient .l_ecrd_webicon_with_title_txtside{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);margin-top:-12px;}.l_ecrd_imcolheader.gradient .l_ecrd_webicon_with_title_txtside:hover{box-shadow:0 1px 4px 1px rgb(0 0 0 / 40%);transform:scale(1.10,1.10);transition:all ease-in-out .2s;}.l_ecrd_imcolheader.gradient .l_ecrd_webicons_with_title_hover .l_ecrd_webicon_with_title_item{box-shadow:0 1px 4px 1px rgb(0 0 0 / 25%);margin-top:-12px;}.l_ecrd_img_m{margin-bottom:auto;margin-top:auto;}.l_ecrd_imgpair{align-items:c enter;display:flex;flex-flow:row wrap;}.l_ecrd_imgpair.l_ecrd_imgpair_f{display:inline-block;width:100%;}.l_ecrd_imgpair.l_ecrd_imgpair_t top{align-items:start;}.l_ecrd_imgpair_cont{flex-basis:0;flex-grow:1;}.l_ecrd_imgpair_l .l_ecrd_img_f{float:left;}.l_ecrd_imgpair_l .l_ecrd_imgpair_img, html[dir = "rtl"] .l_ecrd_imgpair_r .l_ecrd_imgpair_img{padding-left:0px;padding-right:12px;}.l_ecrd_imgpair_l .l_ecrd_imgpair_svg svg{margin-right:-20px;}.l_ecrd_imgpair_l .l_ecrd_imgpair_txt{text-align:right;}.l_ecrd_imgpair_l .l_ecrd_tud{float:right;}.l_ecrd_imgpair_r .l_ecrd_imgpair_img, html[dir = "rtl"] .l_ecrd_imgpair_l .l_ecrd_imgpair_img{padding-left:12px;padding-right:0px;}.l_ecrd_imgpair_r .l_ecrd_imgpair_svg svg{margin-left:-20px;}.l_ecrd_imgpair_r .l_ecrd_imgpair_txt{text-align:left;}.l_ecrd_imgpair_svg{display:flex;padding-bottom:16px;}.l_ecrd_imgpair _svg svg{height:1px;stroke:#DDD;stroke-width:2px;width:calc(100% + 20px);}.l_ecrd_mrabt{display:block;padding:16px 20px 12px 20px;}.l_ecrd_mrabt_txt{-webkit-box-orient:vertical;-webkit-line-clamp:2;color:#111111;display:-webkit-box ;font-size:20px;line-height:28px;margin-bottom:4px;overflow:hidden;padding-inline-end:20px;text-overflow: ellipsis;white-space:normal;word-break:break-word;}.l_ecrd_mttl{display:flex;margin-bottom:var(--smtc-gap -between-content-medium);}.l_ecrd_mttl > div{flex:1 1 auto;}.l_ecrd_mttl > div:last-of-type{flex:0 0 auto;}.l_ecrd_mttl svg{margin-top:-1px;vertical-align:middle;}.l_ecrd_newdesc.l_ecrd_a1{color:var(--smtc-foreground-content- neutral-secondary);display:block;margin:0;padding:0;text-decoration:none;}.l_ecrd_newdesc.l_ecrd_a1

.l_wptnewdesc

.l_ecrd_see_more{color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-smtc-text-global-body3-strong);}.l_ecrd_newdesc.l_ecrd_a1:hover

.l_ecrd_see_more{text-decoration:underline;}.l_ecrd_newdesc.l_ecrd_a1:hover

.l_wptcrd_ovrview{text-decoration:underline;}.l_ecrd_newdescweb.l_ecrd_webicons_with_title_A1.non-acf-web-icon

.l_ecrd_webicons_with_title_SingleWrapper{display:flex;flex-direction:row;gap:var(--smtc-gap-between-content-x-small);height:fit-content;}.l_ecrd_poleheader .kc-dtab-name{background-color:#FFF;border:1px solid #7E0B0B;}.l_ecrd_poleheader .kc-dtab-name-active{background-color:#FFF;border:1px solid #DE1010;}.l_ecrd_poleheader .kc-dtab-name-active .l_ecrd_thmtxt{color:#FFF;}.l_ecrd_poleheader.lightbg .l_ecrd_rel{background-color:#FAF5F5;}.l_ecrd_rel{position:relative;}.l_ecrd_rq_btxt{font:var(--bing-smtc-text-global-caption1-strong);}.l_ecrd_simgset{padding:var(--smtc-gap-between-content-medium) var(--mai-smtc-padding-card-default);}.l_ecrd_simgset

.l_ecrd_imgsetgrid_ttl{margin-bottom:var(--smtc-gap-between-content-medium);}.l_ecrd_simgset

.l_ecrd_simgset_item_data{margin-top:var(--smtc-gap-between-content-x-small);}.l_ecrd_simgset

.l_ecrd_simgset_item_data > div{-webkit-box-orient:vertical;-webkit-line-clamp:2;display:-webkit-box;overflow:hidden;text-overflow:ellipsis;}.l_ecrd_simgset a{outline-offset:-1px;}.l_ecrd_simgset li{display:inline-block;margin-right:var(--smtc-gap-between-content-x-small);overflow:hidden;vertical-align:top;}.l_ecrd_simgset li .cico{border-radius:var(--mai-smtc-corner-list-card-nested-default);}.l_ecrd_simgset li:last-of-type{margin-right:0px;}.l_ecrd_simgset ul{direction:ltr;}.l_ecrd_simgset.l_ecrd_simgset_circle .l_ecrd_simgset_item_data{text-align:center;}.l_ecrd_simgset.l_ecrd_simgset_circle li .cico{border-radius:50%;}.l_ecrd_tmln_itm:hover

.l_ecrd_brdr_thm.l_ecrd_tmln_bullet{background:#7E0B0B;}.l_ecrd_tud{float:left;padding-top:8px;}.l_ecrd_tud a,.l_ecrd_tud a:link{color:#001BA0;}.l_ecrd_txt_gl{color:var(--smtc-foreground-content-neutral-primary);font:var(--acf-font-title-1-strong);}.l_ecrd_txt_heros,

.l_ecrd_txt_small{font-size:40px;line-height:40px;}.l_ecrd_txt_hlt{font-size:18px;font-weight:bold;line-height:24px;}.l_ecrd_txt_lnk.l_ecrd_txt_hover.l_ecrd_hov_hitbox, .l_ecrd_hov_hitbox p{display:inline;}.l_ecrd_txt_ttl,.l_ecrd_txt_bld,.l_ecrd_txt_qfttl,.l_ecrd_txt_modttl,.l_ecrd_txt_heroxl,.l_ecrd_txt_herol,.l_ecrd_txt_herom,.l_ecrd_txt_heros,.l_ecrd_txt_heroxs,.l_ecrd_txt_heroxxs,.l_ecrd_qfcts_prim,.l_ecrd_bqfcts_txt.lite-entcard-exp-tit h2{font-weight:bold;}.l_ecrd_webicon_module_item{border-radius:9999px;flex-shrink:0;height:28px;width:28px;}.l_ecrd_webicon_module_item > a{border-radius:9999px;display:inline-block;outline-offset:2px;overflow:hidden;}.l_ecrd_webicon_module_wrapper:hover

.l_ecrd_webicon_module_item_title{text-decoration:underline;}.l_ecrd_webicon_txtside{align-items:center;display:flex;overflow:hidden;}.l_ecrd_webicon_txtside .sp-webicons32 #salookinsidebooksvg{padding:8px;}.l_ecrd_webicons{direction:ltr;display:flex;}.l_ecrd_webicons > div{border-radius:9999px;flex-shrink:0;margin-right:12px;overflow:hidden;}.l_ecrd_webicons >

div:focus-within{outline:auto;}.l_ecrd_webicons > div:last-of-type{margin-right:0;}.l_ecrd_webicons a:hover{text-decoration:none;}.l_ecrd_webicons_with_title, .l_ecrd_webicons_with_title_Single{border-top:1px solid var(--cardsbk);display:flex;padding-bottom:16px;padding-left:20px;padding-top:16px;}.l_ecrd_webicons_with_title_A1, .l_ecrd_webicons_with_title_Single_A1{display:flex;padding-bottom:16px;padding-left:20px;padding-top:16px;}.l_ecrd_webicons_with_title_SingleWrapper{display:inline-flex;}.l_ecrd_webicons_with_title_SingleWrapper > a{padding-left:8px;padding-right:8px;}.l_ecrd_webicons_with_title_SingleWrapper:hover .l_ecrd_webicon_module_item{box-shadow:0 1px 4px 1px rgb(0 0 0 / 40%);transform:scale(1.10,1.10);transition:all ease-in-out .2s;}.l_ecrd_webicons_with_title_SingleWrapper:hover .l_ecrd_webicon_txtside{text-decoration:underline;}.lite-entcard-ans > div:last-child .l_ecrd_ftr{margin-bottom:28px;}.lite-entcard-blk{clear:both;position:relative;}.lite-entcard-blk > div:not(.l_ecrd_bkg_img){position:relative;}.lite-entcard-blk:empty{visibility:hidden;}.lite-entcard-blk:not(:first-child){width:100%;}.lite-entcard-blk:not(:last-child):not(.l_ecrd_bkg_bdrls),.lite-entcard-main > div:not(:last-child) > .lite-entcard-blk:not(.l_ecrd_bkg_bdrls){border-bottom:1px solid #DDD;}.lite-entcard-main{border-radius:6px;box-shadow:0 0 0 1px rgba(0,0,0,.05), 0 2px 3px 0 rgba(0,0,0,.1);color:#444;font-size:13px;line-height:20px;margin-bottom:4px;width:100%;}.lite-entcard-main a,.lite-entcard-main a:visited{color:#444;}.lite-entcard-main a:focus-visible .bsimg{outline-offset:-2px;outline-style:auto;}.lite-entcard-main p{-webkit-line-clamp:initial;}.lite-entcard-maintop .l_ecrd_ftr{margin:0 20px 0 -20px;padding:12px 20px 4px 20px;}.lite-entcard-maintop .l_ecrd_ftr_txt a{text-decoration:none;}.lite-entcard-maintop.l_ecrd_ans_expand .lite-entcard-blk{border-top:1px solid #DDD;}.lite-entcard_efd8d .l_ecrd_chart_bar_thm{background:linear-gradient(to bottom, #B11D1D 0%, #7E0B0B 100%);}.lite-entcard_efd8d .l_ecrd_tabtbl .tfil-active{background-color:#7E0B0B !important;border:1px solid #7E0B0B !important;}.lite-entcard_efd8d .l_ecrd_bkg_hlt{background-color:#FAF5F5;}.lite-entcard_efd8d .l_ecrd_bkg_txthlt{background-color:#7E0B0B;}.lite-entcard_efd8d .l_ecrd_brdr_thm{border-color:#7E0B0B;}.lite-entcard_efd8d .l_ecrd_chart_hbar_thm{background:linear-gradient(to left, #B11D1D 0%, #7E0B0B 100%);}.lite-entcard_efd8d .l_ecrd_hov .l_ecrd_hov_qna .l_ecrd_hov_qna_site_txt, .lite-entcard_efd8d .l_ecrd_txt_hlt, .lite-entcard_efd8d .sp-tpwebicons.sp-symbolicon.SRCH {color:#7E0B0B;}.lite-entcard_efd8d .l_ecrd_hov_thm:hover{background-color:#FAF5F5;}.lite-entcard_efd8d .l_ecrd_hov_thmtxt:hover{color:#7E0B0B;}.lite-entcard_efd8d .l_ecrd_thm_fill{fill:#FAF5F5;}.lite-entcard_efd8d .l_ecrd_thmtxt, .lite-entcard_efd8d a.l_ecrd_thmtxt, .lite-entcard_efd8d a.l_ecrd_thmtxt:visited{color:#7E0B0B;}.lite-entcard_efd8d .l_ecrd_tthm_fill{fill:#7E0B0B;}.lite-entcard_efd8d .sp-ofsite, .lite-entcard_efd8d .l_ecrd_product .spl_stf, .lite-entcard_efd8d .spl_trnsths, .lite-entcard_efd8d .lc_expfact_plus, .lite-entcard_efd8d .b_slidesContainer .seeAll_chev circle, .lite-entcard_efd8d .sp-symbolicon .gray50_fill{fill:#7E0B0B;}.lite-entcard_efd8d .spl_trnsths a, .lite-entcard_efd8d .spl_trnsths a:visited{color:#7E0B0B;}.lite_acf .l_ecrd_hero .l_ecrd_rel

.cico a{border-radius:var(--smtc-corner-card-rest);display:flex;outline-offset:-2px;position:relative;}.lite_acf .l_ecrd_hero .l_ecrd_rel .cico a:focus{outline:3px dotted #1AEBFF;outline-offset:-4px;}.lite_acf .l_ecrd_rel > a{display:flex;position:relative;}.lite_acf.lite-entcard_efd8d .l_ecrd_hov_thm:hover{background-color:#FAF5F5;}.spl-car-tmln-container:hover .spl-car-tmln-dot{background:#7E0B0B;}a.ent-dtab-btn{background-color:var(--AC_ThemeBack2, #FAF5F5);border-color:var(--AC_ThemeFore1, #7E0B0B);color:var(--AC_ThemeFore1, #7E0B0B);}a.ent-dtab-btn.active{background-color:var(--AC_ThemeFore1, #7E0B0B);border-color:var(--AC_ThemeFore1, #7E0B0B);color:var(--AC_ThemeBack2, #FAF5F5);}a.ent-dtab-btn.ent-dtab-btn-hipo f-override.ent-dtab-tabuxv1{background-color:var(--AC_ThemeBack2, #FAF5F5);border-color:var(--AC_ThemeFore1, #7E0B0B);color:var(--AC_ThemeFore1, #7E0B0B);fill:var(--AC_ThemeFore1, #7E0B0B);}a.l_ecrd_a1_seemorelink:link{color:var(--acf-color-fore-semantic-link);}a.l_ecrd_a1_seemorelink:visited{color:var(--bing-smtc-ctrl-link-foreground-brand-alt-visited);}a.l_ecrd_txt_lnk{text-decoration:none;}a.l_ecrd_txt_lnk:hover *:not(.l_ecrd_txt_nound):not(p){text-decoration:underline;}a:focus > .l_ecrd_hero_smi{border:1px solid var(--mai-smtc-foreground-ctrl-on-image-rest);}a:hover .l_ecrd_hero_smi > div{text-decoration:underline;}div.l_ecrd_imcolheader div.cico{z-index:1;}html[dir="ltr"] .l_ecrd_webicon_module_wrapper, .l_ecrd_webicons_with_title_Single{padding-right:12px;}html[dir="ltr"] .l_ecrd_webicon_module_wrapper, .l_ecrd_webicons_with_title_Single_A1{padding-right:12px;}html[dir="ltr"] .l_ecrd_webicons_with_title > div:last-of-type{padding-right:0;}html[dir="ltr"] .l_ecrd_webicons_with_title_A1 > div:last-of-type{padding-right:0;}html[dir="rtl"] .l_ecrd_mttl svg{transform:scaleX(-1);}html[dir="rtl"] .l_ecrd_simgset ul li{direction:rtl;}html[dir="rtl"] .l_ecrd_tud{float:right;}html[dir="rtl"] .l_ecrd_webicon_module_wrapper{padding-left:12px;}html[dir="rtl"] .l_ecrd_webicons_with_title, .l_ecrd_webicons_with_title_Single{padding-right:20px;}html[dir="rtl"] .l_ecrd_webicons_with_title_A1, .l_ecrd_webicons_with_title_Single_A1{padding-right:20px;}.l_ecrd_webicon_module_item_title{display:block;font:11px/15px "Roboto",Helvetica,Sans-Serif;padding-top:4px;text-align:center;}@media only screen and (max-width:1268.9px){.l_ecrd_hero .l_ecrd_webicons{margin-top:-10px;}.l_ecrd_hero .l_ecrd_webicons_with_title_hover{margin-left:9px;margin-top:-12px;}.l_ecrd_hero .spl_share span{display:none;}.l_ecrd_hero_smi_txt{display:none;}.l_ecrd_hero_txt > div:not(:last-of-type){margin-bottom:0;}.l_ecrd_webicons > div{margin-right:8px;}.lite-entcard-main .l_ecrd_txt_herol{font-size:40px;line-height:40px;}.lite-entcard-main .l_ecrd_txt_herom{font-size:30px;line-height:30px;}.lite-entcard-main .l_ecrd_txt_heros{font-size:28px;line-height:28px;}.lite-entcard-main .l_ecrd_txt_heroxl{font-size:50px;line-height:50px;}.lite-entcard-main .l_ecrd_txt_heroxs{font-size:24px;line-height:24px;}.lite-entcard-main .l_ecrd_txt_heroxxs{font-size:20px;line-height:16px;}#b_context .l_ecrd_simgset li:nth-of-type(3){margin-right:0px;}#b_context .l_ecrd_simgset li:nth-of-type(4){display:none;}}@media only screen and (max-width:1274.9px){.l_ecrd_webicon_module_wrapper:nth-of-type(n+5){display:none;}}@media only

screen and (max-width:1356.9px){.l_ecrd_txt_heros{font-size:30px;line-height:30px;}#b_context .l_ecrd_simgset li:nth-of-type(4){margin-right:0px;}#b_context .l_ecrd_simgset li:nth-of-type(5){display:none;}}@media only screen and (max-width:1356.9px) and (min-width:1269px){.l_ecrd_hero .l_ecrd_webicons{margin-top:-12px;}.l_ecrd_hero_txt > div:not(:last-of-type){margin-bottom:var(--smtc-gap-between-content-xx-small);}}@media only screen and (max-width:1363.9px) and (min-width:1275px){.l_ecrd_webicon_module_wrapper:nth-of-type(n+6){display:none;}}@media screen and (-ms-high-contrast:active){.l_ecrd_hero_smi svg path{fill:currentcolor;}}@media screen and (forced-colors:active){.b_wpTabsWrapper .ent-dtab-content a.ent-dtab-btn.active{background:Highlight;color:HighlightText;forced-color-adjust:none;}}.entityPreview{position:fixed;width:300px;border:1px solid #ddd;background:#fff;border-radius:8px;box-shadow:0 4px 12px 0 rgba(0,0,0,.1);z-index:6}a.entityPreview{text-decoration:none}a.entityPreview:active{background-color:#ececec}.epv_caption{width:196px;position:absolute}.epv_data .cico{margin-right:12px}.epv_data .cico,.epv_caption{display:inline-block}.epv_data img{border-radius:6px}a.entityPreview .epv_data{padding:16px;min-height:30px}.epv_content{height:100%}.epv_head{margin-bottom:12px}.epv_data .epv_desc{color:#444;line-height:18px}.epv_title{font-size:16px;line-height:20px;padding-bottom:4px;color:#111}.epv_Summary,.epv_subTitle{color:#666}#epvRup,#epvLup{top:-10px}#epvRdown,#epvLdown{bottom:-20px}#epvLup,#epvLdown{left:20px}#epvRup,#epvRdown{right:20px}#epvRup,#epvLup,#epvRdown,#epvLdown{position:absolute;width:20px;height:20px}#epvRup polyline,#epvRdown polyline,#epvLup polyline,#epvLdown polyline{fill:#fff;stroke:#ddd;stroke-width:1px}.epv_content .b_icRatings.b_icRat_2{justify-content:space-around}.epv_content .b_icRatings{margin-bottom:8px;color:#111;text-align:center;padding:0;display:-webkit-box;display:-moz-box;display:-ms-flexbox;display:-webkit-flex;display:flex;justify-content:space-between}.epv_content .b_icRatings .b_imagePair>div:last-child{display:inline-block;font-weight:normal;vertical-align:top}.epv_content .b_icRatings .cico{margin-right:8px;padding-right:0;border-radius:0}.epv_content td:nth-child(2){color:#111;font-weight:bold}.epv_content td{padding:0;color:#666}.epv_content tr:not(:last-child) td{padding-bottom:4px}.epv_comp{margin-bottom:12px}.epv_relation{color:#444;padding-bottom:10px;border-bottom:1px solid #ececec;margin-bottom:10px;line-height:18px}.res47405018 {line-height:0;}@media only screen and (max-width:1274px){.res47405018,.res47405018 img{height:176px;width:296px;}}@media only screen and (min-width:1275px) and (max-width:1362px){.res47405018,.res47405018 img{height:228px;width:384px;}}@media only screen and (min-width:1363px){.res47405018,.res47405018 img{height:280px;width:472px;}}.sp-tpwebicons{width:28px;height:28px}.sp-symbolicon>svg,.sp-ofsite{display:block}.sp-tpwebicons.SITE{padding-right:8px}.sp-tpwebicons.SITE{width:16px;height:16px;padding:6px}.sp-tpwebicons.sp-symbolicon{width:16px;height:16px;padding:6px}@media only screen and (max-width:1362.9px){.sp-tpwebicons{width:24px;height:24px}.sp-tpwebicons.sp-symbolicon{width:14px;height:14px;padding:5px}}@media only screen and

(max-width:1274.9px){.sp-tpwebicons{width:20px;height:20px}.sp-tpwebicons.sp-symbolicon{width:12px;height:12px;padding:4px}}.lite-entcard-ans-m .sp-tpwebicons{width:28px;height:28px}.lite-entcard-ans-m .sp-tpwebicons.sp-symbolicon{width:16px;height:16px;padding:6px}.b_descriptionSeeMore{padding-top:5px}.b_inlineblock{display:inline-block}.b_descriptionSeeMore.b_inlineblock{padding-top:0}.b_bgdesc{font:16px/1.2em "Segoe UI",Arial,Helvetica,Sans-Serif;line-height:1.33em}.b_trans_padding{padding-bottom:5px}.btm_sml a{line-height:16px;border-bottom-left-radius:6px;border-bottom-right-radius:6px}.btm_sml{padding-bottom:10px}.btm_sml .expansionDefaultText,.btm_sml .expansionCustomizedText{display:inline-block;*display:inline;zoom:1}.expandChevronContainer{display:inline-block;*display:inline}.expandChevronContainer.hasExpandText{line-height:16px;vertical-align:middle}.btm_sml .expandChevronContainer>*{margin-left:8px;display:inline-block;*display:inline}.btm_sml .sw_plus,.btm_sml .sw_minus,.sml .sw_plus,.sml .sw_minus{display:inline-block;text-decoration:none;margin:0 5px 1px 0}.b_tblWithExpansion .btm_sml,.b_tblWithExpansion .sml{padding-bottom:10px}.b_relative .btm_sml,.b_relative .sml{letter-spacing:2px} line{display:inline-block;margin-left:4px;*display:inline;zoom:1}.sml line .sw_plus,.sml line .sw_minus{margin:0}.hidden_nostyle{padding:0!important;margin:0!important}.exp_slide{overflow:hidden;opacity:1;transition:height ease-in-out 350ms,opacity ease-in-out 350ms}.exp_slide.b_hide{display:block;opacity:0;height:0!important;padding-top:0!important;padding-bottom:0!important;margin-top:0!important;margin-bottom:0!important;border-top:0!important;border-bottom:0!important}body.exp_scroll{transition:margin-top ease-in-out 350ms}.b_ans .btm_sml{border-top:1px solid #cdcdcd}#b_context .b_ans .btm_sml{border-top:1px solid #ebebeb}.b_ans.b_topborder .btm_sml{border-top:0}#b_results>.b_ans .btm_sml a,#b_results>.b_ans .btm_sml a:visited,#b_context>.b_ans .btm_sml a,#b_context>.b_ans .btm_sml a:visited{color:#444}.b_ans.b_top .btm_sml a,.b_ans.b_top .btm_sml a:hover{background-color:transparent}.b_ans.b_topborder .btm_sml a{background-color:#f9f9f9}.b_ans.b_topborder .btm_sml a:hover{background-color:#eee}.b_dark .b_ans.b_topborder .btm_sml a,.b_dark .b_ans.b_topborder .btm_sml a:hover{background-color:#323130}.b_ans.b_top .btm_sml{padding-bottom:10px}.b_ans.b_top .btm_sml a{margin-bottom:0}.b_ans.b_topborder .btm_sml{padding-bottom:0}.b_ans.b_topborder .sydwrap_wrapper .btm_sml{padding-bottom:10px}.b_ans.b_topborder .btm_sml a{margin-bottom:-10px}.btm_sml a{display:block}.b_ans .btm_sml a{line-height:40px;height:40px}.b_ans.b_topborder .btm_sml a{line-height:48px;height:48px}.b_ans.b_topborder .btm_sml .newexpcont{height:32px;line-height:32px}.b_sydConvMode .b_ans.b_topborder .btm_sml .newexpcont{height:48px;line-height:32px}#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml .b_mopexpref,#b_results .b_ans.b_mop .btm_sml .b_mopexpref{height:16px;line-height:16px;color:#001ba0}.b_ans.b_topborder .btm_sml .b_segoeMDL2{font-family:"Segoe MDL2 Assets"}.btm_sml{position:relative}#b_context .b_ans .btm_sml a{line-height:40px;height:40px}.b_top .sa_cpoc .b_expando .btm_sml .expandChevronContainer>*,#b_context .b_ans .btm_sml .expandChevronContainer>*{margin-top:15px;margin-right:0;position:absolute;right:0;top:0}.sa_cpoc

.b_expando .btm_sml{border-top:1px solid #bbb}#b_results .b_top .sa_cpoc .b_expando .btm_sml .b_expDesk{text-align:left}#b_results .b_top .sa_cpoc .b_expando .btm_sml a{margin:0}#b_results .b_top .sa_cpoc .b_expando .btm_sml .expansionCustomizedText{color:#444}.b_top .sml answer a,.b_top .btm_sml a{background-color:#f9f9f9;margin:0 -19px -10px -19px;display:block;text-decoration:none;text-align:center}.b_top .sml answer a{line-height:35px;outline:0}.b_top .btm_sml .leftAlign{text-align:left}.b_top .btm_sml a{line-height:40px;height:40px;vertical-align:middle}.b_top .btm_sml{padding-bottom:0}.b_top .btm_sml a:hover,.b_top .sml answer a:hover{background-color:#eee}.b_top .btm_sml a .expansionDefaultText{display:none;text-align:center}.b_top .btm_sml .leftAlignWithPadding,.b_top .btm_sml a .expansionCustomizedText{text-align:left;padding:0 0 0 19px;display:inline-block;*display:inline;zoom:1}.b_sydConvMode .b_top .btm_sml .leftAlignWithPadding,.b_sydConvMode .b_top .btm_sml a .expansionCustomizedText{padding:0}.b_top .btm_sml .expandChevronContainer.hasExpandText{line-height:40px;vertical-align:middle}.b_sydConvMode .b_top .btm_sml .expandChevronContainer.hasExpandText{margin-top:-4px}.b_top .btm_sml .expandChevronContainer.hasExpandText .smallLandscape{line-height:48px}.b_top .btm_sml .expandChevronContainer>*{margin:0 19px 0 12px}.b_top .btm_sml .expandChevronContainer.noExpandText>*{margin:0}#b_topw .btm_sml a,#b_topw .btm_sml a:visited,#b_results>.b_top .btm_sml a,#b_results>.b_top .btm_sml a:visited{color:#444}.e_mhdr .btm_sml a{padding:0;border-top:0;margin-top:10px}#b_results .b_expando .b_entityTP .btm_sml a{height:40px;border-bottom-left-radius:6px;border-bottom-right-radius:6px}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer{display:inline-block}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer.hasExpandText{line-height:16px;vertical-align:middle}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer>*{display:inline-block;position:absolute;right:0;top:0;margin-top:15px;margin-right:0;margin-left:8px;box-shadow:none}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronUp,#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronDown{overflow:hidden;line-height:9px;height:9px;width:16px}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronDown::after,#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronUp::after{position:relative}#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronDown::after,#b_results .b_expando .b_entityTP .btm_sml a .expandChevronContainer evronUp::after{content:url(/rp/ak5A-kIzM-v9JjRbH7FaoGRYoEw.png)}#b_results .b_top .btm_sml .expandChevronContainer.hasExpandText{margin-top:-4px}#b_results .b_top .btm_sml .b_expDesk{height:48px}#b_results .b_top .btm_sml .b_expDeskNoText{height:32px}#b_results .b_ans.b_topborder .btm_sml .newexpcont{height:auto}#b_results .b_topborder evronContainerDown:hover{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 2px 4px 1px rgba(0,0,0,.18)}#b_results .b_topborder evronContainerDown,#b_results .b_topborder evronContainerDown:active{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 2px 3px 0 rgba(0,0,0,.1)}#b_results .b_topborder evronContainerUp:hover{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 -2px 4px 1px rgba(0,0,0,.18)}#b_results .b_topborder evronContainerUp,#b_results .b_topborder evronContainerUp:active{box-shadow:0 0 0 0 rgba(0,0,0,.05),0 -2px 3px 0

rgba(0,0,0,.1)}#b_results .b_top .btm_sml a .expansionCustomizedText{padding:0}#b_results .b_top .btm_sml a .b_expcol{padding:0;color:transparent}#b_results .b_top .sydwrap_wrapper .btm_sml a .b_expcol{color:#444}#b_results .b_topborder .b_expwide{margin-left:50%}#b_results .b_topborder .b_expChevTOP{margin-left:50%}#b_results .b_top .btm_sml.b_expV3,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3{display:flex;align-items:center;justify-content:center}#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3{padding-bottom:0}#b_results .b_top .btm_sml.b_expV3 a,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3 a{box-shadow:0 2px 3px 0 #000;box-shadow:0 2px 3px 0 rgba(0,0,0,.1);border:1px solid #ddd;color:#666;height:40px;line-height:40px;border-radius:20px;padding-left:20px;padding-right:20px;background-color:#fff;margin-bottom:-30px}#b_results .b_top .btm_sml.b_expV3 a svg,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3 a svg{padding-left:10px}#b_results .b_top .btm_sml.b_expV3 a:hover,#b_results .b_ans:not(.b_top):not(.b_topborder) :not(.b_entityTP) .btm_sml.b_expV3 a:hover{box-shadow:0 2px 4px 1px #000;box-shadow:0 2px 4px 1px rgba(0,0,0,.14);border:1px solid #ccc;color:#111}#b_results .b_top.b_tophb .btm_sml.b_expV3 a{margin-bottom:-35px}.cipt,.cipg,.cipa,.cipl,.ciptr,.ciplr{display:inline-block}.cipa,.cipl,.ciplr{cursor:pointer}.vab{vertical-align:bottom}.vam{vertical-align:middle}.vat{vertical-align:top}.vabl{vertical-align:baseline}.vatt{vertical-align:text-top;border-radius:0}.vatb{vertical-align:text-bottom} evronDown12,evronUp12{background:url(/rp/QKlTrqL25sGDqfRYQjkMWJWDeG8.png) no-repeat;background-size:494px 58px;width:12px;height:12px} evronDown12{background-position:-372px 0} evronUp12{background-position:-372px -14px}@media(prefers-color-scheme:dark){#bpage.b_med evronDown12{background-position:-386px 0}#bpage.b_med evronUp12{background-position:-386px -14px}}#bpage.b_drk evronDown12{background-position:-386px 0}#bpage.b_drk evronUp12{background-position:-386px -14px}.cipt,.cipl{margin-right:10px}.cipt .cico,.cipl .cico,.ciptr .cico,.ciplr .cico,.ciplr .cico{border-radius:0}.b_action>.cipt,.b_action>.cipl{float:left}.ciptr,.ciplr{margin-left:10px}.sw_play{height:16px;width:16px}:not(.dc_aud_wrp)>.sw_play{background-image:url(data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAACAAAAAgCAMAAABEpIrGAAAAaVBMVEUAAAAD58AFaQAE6UAFKUAE6QAFKUAEqYAD58AE6QAE6UAFKQAEqUAD6QAE6MAE6QAD6cAE6QAFaQAFKQAEqQAFKUAEqQAFKUAEqIAFKMAEqMAE6MAD58AE6UAE6UAE6IAFKYAFKYAE6MaDJ//AAAAI3RSTlMAEGCfz+//XyCQj79vMEDfIKAwoK/vYL9gcHDPMM9QkK+fnzHYYYSkAAAEVSURBVHgBdZMFkuwwEEPVk/ULx8nSMN7/jh/X1dUDKKgjpyaTIZavqLUF6q2rTo5o24aoaRVkH9MNokk1DD3QW8AzV7M/zAtlDNGbyqKkA5k9+d58OkKPukZFjmU0/0Qf6PdeXGVcDu3wBQphcXpxH+vlioyhtyHRwLrWQeICCEzHyZvunlBmLImo0WtsEQQnZU2jMFQwg5cFTCgiGGGF8CBUMMgReGdCpvng/xaT7Ennc3RFFyaOMZlOu7LXLF2Q8GL1tSyROGGGx3/O0aSzH1beyznOUKYZcC/C+XVtonJL3mBVdqXXXfZ97JPkdP60qVkofAk8A+thMsnehzXQQmqLmBVdqHXfZ97JPkPa3ldP6DeOGGDlAP873EAAAAEIFTkSuQmCC);background-size:16px 16px}.expansionAccessibilityText { display: none; }@media(forced-colors:active){div.sml>a>img.ciplr{filter:brightness(50%) contrast(20%) grayscale(100%) saturate(0%) hue-rotate(0deg)}}.res8900146 {line-height:0;}@media only screen and (max-width:1274px){.res8900146,.res8900146 img{height:80px;width:159px;}}@media only screen and

(min-width:1275px) and (max-width:1362px){.res8900146,.res8900146 img{height:104px;width:207px;}}@media only screen and (min-width:1363px){.res8900146,.res8900146 img{height:127px;width:254px;}}.res10155245 {line-height:0;}@media only screen and (max-width:1274px){.res10155245,.res10155245 img{height:48px;width:88px;}}@media only screen and (min-width:1275px) and (max-width:1362px){.res10155245,.res10155245 img{height:63px;width:115px;}}@media only screen and (min-width:1363px){.res10155245,.res10155245 img{height:77px;width:141px;}}.fdbk_thmb_root{display:inline-block;position:relative;float:right}.fdbk_hide{display:none!important}.fdbtext{display:inline-block;margin-right:3px;font-size:11px;line-height:15px;vertical-align:middle;color:#767676}#bpage.b_drk .fdbtext{color:#d2d0ce}.fdbk_thmb_root_mob .fdbtext{font-size:14px;line-height:20px;color:#666}.fdbk_thmb_root>a{display:inline-block;width:15px;height:15px;margin-left:6px;padding:0;background-size:15px;vertical-align:middle}.fdbk_thmb_root>a.thumb_n{transform:scaleY(-1)}.fdbk_thmb_root_mob.fdbk_thmb_root>a{width:20px;height:20px;background-size:20px}.fdbtext>span,.fdbtext>a{margin-left:4px}.fdbk_thmb_root>a.thumb_y.active{margin-left:0}.fdbk_emotion{display:none;position:absolute;right:0;width:50px;height:50px;opacity:0;animation:emotion 1s ease-in-out .1s 1 normal forwards}.fdbk_emotion .sat_img,.fdbk_emotion .dsat_img{display:none;width:50px;height:50px;opacity:.9}.fdbk_emotion.sat .sat_img,.fdbk_emotion.dsat .dsat_img{display:inline-block}.fdbk_emotion.sat{display:block;margin:-50px 3px 0 0}.fdbk_thmb_root_mob .fdbk_emotion.sat{margin:-50px 11px 0 0}.fdbk_emotion.dsat{display:block;margin:-50px -18px 0 0}.fdbk_thmb_root_mob .fdbk_emotion.dsat{margin:-50px -15px 0 0}@keyframes emotion{50%{opacity:1}100%{opacity:0;transform:translateY(-10px)}}.fdbk_thmb_root>a.thumb{background-image:url(data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAADIAAAAyCAYAAAeP4ixAAAFMElEQVR4Ac1aa3LTSBBuO4/K40d8g1W4QAIH2Cg5wC7ZAyxeDkBMVV6/sP0vr2JdHAAMB6ASDgDKKBYBcAAsugP7k/TBfJzN229FIsl7mq1JpRmpJ8033tLpbKlBOqFardH5+bl9fX1cLhcI8H2u32/sjIyP1ra0tlxIQDmASZyeni6j+d7ndKtYYLC4lJVtXVVxczMK8HqDtqmOz4+PjFUqAXIIgA/6p9G1u90Wh4ExMTLWjiqqZB5lkQrmRPZ3NdKtYYLC4lJVtXVVxczMK8HqDtqmOz4+PjFUqAXIIgA/6p9G1u90Wh4ExMTLWjiqqZB5lkQrmRPZ3NdKtYYLC4lJVtXVVxczMK8HqDtqmOz4+PjFUqAXIIgA/6p9G1u90Wh4ExMTLWjiqqZB5lkQrmRPZ3NdKtYYLC4lJVtXVVxczMK8HqDtqmOz4+PjFUqAXIIgA/6p9G1u90Wh4ExMTLWjiqqZB5lkQrmRPZ2NiwMPu27kMbB7yv1+uE4w605ahTpdHR0XmKicyJYNZt3cbAm6wN3Z+enubdUWcwxeLvSwSSSSDr6pmG673nTwHbbbCpHXVFVFC39QTGRKB GZlU3eRu3t7e06/DLTgiu4MxUSmRGGBWHW1gq1OGyGwIa0Mschczf0gZIjMiQhuMd2mEIUHIhIiPppom WRC2dBtr/wfFRCZpDYwwuLcmbYYsCU/F68ijmEidyPr6+uOo2gAKINp5m+O6FsXEKWP/3WDtbGGzs+ OaBI+Pj3p/vQ5HeKiVQ1sra2Vibx3tjd3a0FyUNbpHMTBuS//Ukyk2dPbbpbn0FTJeBT1YYLya7Xb0Y1 M2y2EHzXMsXMsKW6LkzqbZZA8RydXV1fzyBD1oYdYX3K3CNBuS/LIxKYFEvN4YEP3MYv17e1tN8q qKKKiIEJ1aSHt69KC6YWaDVxoi+CLt6YCJyKC6coyFP9Z/ss7yTLgrtnTf9MMzaaRDRM7GM7m+JmMXYYLnV4vKG3A6rBFL9+GKBw9R VN4wVKjcvjO5fhZiIuKqfYmDNxoi+CMRYYOu+iLt6YCJyKC6coyFP9Z/ss7yTLgrtnTf9MMzaaRDRM7G MBC10uJLRHoFTMjCMBd81EqLLxHlFVzVLWFWYn+ASQKeQGiAnx1aaTG6X5 VPa6wMQysqNOlMIjRjJGKMflHhaGA2VtQNyyngpfUcoXZ+amrpNnHkNZk2OP2sDL1T33hcvicB8BAOv

YSeLbi5/vMTNPyD+chCTecirb7+g8cfNNKHSiJp4fgs5yAOTfGhipci88JNVpA5VEOcgv05FWyKN+Kwfhe2/oKJfpHKQquk+E97D7zp2EA62AyYGPi6bIQbVpgGg/llZhFlzGnG7yHG/N8hEnwZdN1Bda3NzU9ea/qK7sKEUcA9thgdshmERNGtB5UEV6jVnTiMehV2fqEC3urpqw89zVeVPkdP73lObIeQdJGiOPq7/GoIGON9gEjKdjfzDTWp/B/HvF/B0NjauOfGgrJD7e2qzDOeb0MTzqLlQZr85CTNkYjb1zrQRrDmuHw+aB+X2vxa8kDbDBeU0NDFeS/yJ7gjE9+Mmcr8Ajwab99efeF4AAAAASUVORK5CYII=)}.fdbk_thmb_root>a:hover,.fdbk_thmb_root>a:active,.fdbk_thmb_root>a.active{background-image:url(/rp/oIh0lv8-r1C0l7JNB8ZsnpYC90s.png)}.lc_hoverhook{position:fixed;border:1px solid #ddd;border-radius:8px;box-shadow:0 4px 12px 0 rgba(0,0,0,.1);z-index:6;background-color:#fff}.lc_hoverhook_vis{visibility:visible}.lc_hoverhook_hid{visibility:hidden}.lc_hoverhook_trc,.lc_hoverhook_tlc{top:-10px}.lc_hoverhook_brc,.lc_hoverhook_blc{bottom:-20px}.lc_hoverhook_tlc,.lc_hoverhook_blc{left:20px}.lc_hoverhook_trc,.lc_hoverhook_brc{right:20px}.lc_hoverhook_trc,.lc_hoverhook_tlc,.lc_hoverhook_brc,.lc_hoverhook_blc{position:absolute;width:20px;height:20px}.lc_hoverhook_trc polyline,.lc_hoverhook_brc polyline,.lc_hoverhook_tlc polyline,.lc_hoverhook_blc polyline{fill:#fff;stroke:#ddd;stroke-width:1px}.lite-entcard-main{box-shadow:0 0 0 1px rgba(0,0,0,.05)!important}efd8d552-e217-9f08-aec2-ec57c39e40b9

SupercapacitorHigh-capacity capacitorAll imagesA supercapacitor, also called an ultracapacitor, is a high-capacity capacitor, with a capacitance value much higher than solid-state capacitors but with lower voltage limits. It bridges the gap betwe...New content will be added above the current area of focus upon selectionA supercapacitor, also called an ultracapacitor, is a high-capacity capacitor, with a capacitance value much higher than solid-state capacitors but with lower voltage limits. It bridges the gap between electrolytic capacitors and rechargeable batteries. It typically stores 10 to 100 times more energy per unit mass or energy per unit volume than electrolytic capacitors, can accept and deliver charge much faster than batteries, and tolerates many more charge and discharge cycles than rechargeable batteries.WikipediaHoneywell, for example, now offers a supercapacitor-powered, battery free UPC scanner that fully recharges within seconds.

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