



Trina Solar i3 photovoltaic panel

Read EnergySage's review of Trina Solar, based on product specifications for every Trina solar panel series, to make your solar research process easier.

Read EnergySage's review of Trina Solar, based on product ...

Founded in 1997, Trina Solar has been delivering residential and commercial photovoltaic solar panels across the globe from its home base in China. Our solar experts gave Trina an Excellent rating ...

In May 2025, Trinasolar stood out from the global photovoltaic module manufacturers with its outstanding performance represented by the Supreme N-type 720W series modules and won the title ...

Harness the power of the sun with our Trina 405W Solar Panel. Designed with 144 high-efficiency cells, this panel delivers consistent energy output even in low light conditions.

About Trina Solar Highly Efficient Trina Solar Panels Trina Solar Features What Mounting Is Suitable For Trina Solar Panels? How Long Is The Warranty on Trina Solar Panels? What Is The Price of Trina Solar Panels? What Cell Types of Trina Solar Panels Are The Best? What Conditions Are Suitable For Trina Solar Panels? Trina solar panels are highly efficient, with an efficiency of up to 20%. They provide great power output and greater energy yields in many conditions and climates. Moreover, Trina solar modules perform excellently at low irradiance, on cloudy days, mornings, and evenings. See more on a1solarstore #b_results .b_vidAns{border-radius:6px;box-shadow:0 0 0 1px rgba(0,0,0,.05);padding:16px 20px;gap:10px;background:#fff}@charset "UTF-8";#b_results .b_ans.b_vidAns{box-shadow:none!important;padding:var(--smtc-gap-between-content-medium) 0!important;background:var(--bing-smtc-background-ctrl-fade-on-image-stop-0)}#b_results #serpvidans.vsacf .mc_vtvc,#b_results #serpvidans.vsacf .mc_vtvc_th,#b_results #serpvidans.vsacf .cico,#b_results #serpvidans.vsacf .mc_vtvc_htb,#b_results #serpvidans.vsacf .vrhc,#b_results #serpvidans.vsacf .vrhcp,#b_results #serpvidans.vsacf .vrhtc,#b_results #serpvidans.vsacf .vrhtpc{border-radius:var(--mai-smtc-corner-list-card-default)}#b_results #serpvidans.vsacf .mmlist .mc_vtvc,#b_results #serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta{margin:0}#b_results #serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_channel,#b_results #serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_row_channel{color:var(--smtc-foreground-content-neutral-primary)}#serpvidans.vsacf,#serpvidans.vsacf .expctn .expbody,#serpvidans.vsacf .mmlist{display:flex;flex-direction:column;gap:var(--smtc-gap-between-content-medium)}#serpvidans.vsacf .cico{height:auto}#serpvidans.vsacf .mc_vtvc_ban_lo{top:0;right:auto}#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta{height:auto;padding:var(--smtc-gap-between-content-xx-small) 0

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var(--smtc-gap-between-content-xx-small)
var(--smtc-gap-between-content-medium);display:flex;flex-direction:column;justify-content:space-between}#
serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_title,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta
.mc_vtvc_title{color:var(--smtc-ctrl-link-foreground-brand-rest);font:var(--bing-smtc-text-global-body2);heig
ht:auto;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical}#serpvidans.vsacf .mc_cwvc
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area,#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block{display:flex;flex-direction:column;gap:var(--smtc-padding-ctrl-text-side)}#serpvidans.
vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_row,#serpvidans.vsacf
.mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row,#serpvidans.vsacf .mmlist
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_row,#serpvidans.vsacf .mmlist
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row{color:var(--smtc-foreground-content-neutral-primary);height:var(--mai-smtc-padding-car
d-default);font:var(--bing-smtc-text-global-caption1)}#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_row .mc_vtvc_meta_row_channel::before,#serpvidans.vsacf
.mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_row .mc_vtvc_meta_row_channel::before,#serpvidans.vsacf
.mmlist .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before{content:" . "}#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block
.mc_vtvc_meta_pubdate{color:var(--bing-smtc-foreground-content-neutral-tertiary);padding-bottom:0}.vsacf
.mc_cwvc .mc_vtvc_con_rc,.vsacf .mmlist .mc_vtvc_con_rc{display:flex}.vsacf .mc_cwvc .mc_vtvc_con_rc
.mc_vtvc_meta_w,.vsacf .mmlist .mc_vtvc_con_rc .mc_vtvc_meta_w{height:auto}.vsacf
.b_title{padding-left:0}.vsacf .b_title
.mmtitle{font:var(--bing-smtc-text-global-subtitle1-strong);margin-bottom:0}.vsacf .b_title .mmtitle
a::after{content:"";margin:5px 5px 0 0;border-top:2px solid
var(--smtc-foreground-content-neutral-primary);border-right:2px solid
var(--smtc-foreground-content-neutral-primary);background-size:7px
7px;width:7px;height:7px;transform:rotate(45deg);display:inline-block;margin-left:4px}#serpvidans.vsacf
.b_title .mmtitle{margin-bottom:0}#serpvidans.vsacf .b_title .mmtitle
a{color:var(--smtc-foreground-content-neutral-primary)}#serpvidans.vsacf .cardless.mmlist
.mc_vtvc_con_rc,#serpvidans.vsacf .cardless.mmlist .mc_vtvc_th{height:auto}#serpvidans.vsacf
.vsb_tr_c.va_tt{margin:0}#serpvidans.vsacf .vtbc .mv_vtvc_play,#serpvidans.vsacf .vtbc
.mv_vtvc_play_ext{position:static}#serpvidans.vsacf .va_tt
.mc_vtvc_ban_lo{display:block}#serpvidans.vsacf
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.mc_bc{width:auto;border-radius:var(--smtc-ctrl-badge-sm-corner);padding:var(--smtc-padding-ctrl-text-side)
var(--smtc-gap-between-content-xx-small)}#serpvidans.vsacf .rmts .mc_bc
ems{display:none}#serpvidans.vsacf a.vsb_tr_t{color:var(--smtc-foreground-content-neutral-primary)}.vsacf
.va_tt .vsb_tr_chd .mc_vtvc_th_dock.rmoveoverlay{height:36px}.vsacf .va_tt .vsb_tr_chd
.mc_vtvc_th_dock{height:92px;background:linear-gradient(180deg,var(--bing-smtc-background-ctrl-fade-on-i
mage-stop-0) 0%,var(--mai-smtc-background-ctrl-on-image-rest) 100%)}vsacf .va_tt a.vsb_tr_t{padding:0
0;font:var(--bing-smtc-text-global-body-2-alt-strong)}.vsacf .va_tt .vsb_tr_chd .mc_vtvc
.mc_vtvc_meta,.vsacf .va_tt .vsb_tr_chd .mc_vtvc
.mc_vtvc_title{color:var(--mai-smtc-foreground-ctrl-on-image-rest)}.vsacf
span.vcmt_ctt{font:var(--bing-smtc-text-global-caption2);margin:var(--smtc-gap-between-content-xx-small) 0
0;height:16px}#serpvidans.vsacf .vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title
strong{font-size:14px;line-height:20px;display:unset}#serpvidans.vsacf .va_tt .b_sldrp
.slide:not(:first-child){margin-left:var(--smtc-gap-between-content-small)}#serpvidans.vsacf .va_tt
.vsb_tr_chd .mc_vtvc
.mc_vtvc_title{white-space:normal;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical}#se
rpvidans.vsacf .b_module_expansion_control .b_btnContainer
.b_CompactExpansion{background-color:var(--bing-smtc-background-ctrl-neutral-rest);display:flex;justify-co
ntent:center;align-items:center;gap:4px;width:fit-content;height:auto;padding:8px 12px}#serpvidans.vsacf
.b_module_expansion_control .b_btnContainer .b_CompactExpansion
.b_CompactExpansionBtnText{font:var(--bing-smtc-text-global-caption1-strong);color:var(--bing-smtc-foregr
ound-content-brand-rest)}#serpvidans.vsacf .b_module_expansion_control .b_btnContainer
.b_CompactExpansion .b_arrow{display:flex;margin:0;height:auto}#serpvidans.vsacf
.b_module_expansion_control .b_btnContainer .b_CompactExpansion .b_arrow
path#Shape{fill:var(--bing-smtc-foreground-content-brand-rest)}#serpvidans.vsacf
.b_module_expansion_control
.b_btnContainer::after{content:"";position:absolute;width:100%;bottom:20px;left:0;height:1px;border-radius:
1px;background:var(--smtc-stroke-ctrl-on-neutral-rest)}#b_results
.b_ans.b_vidAns{box-shadow:none;padding:12px 20px 0}#b_results .b_ans.b_vidAns
.vasac{padding:unset;margin:0}#b_results .b_ans.b_vidAns .vsa .b_attribution{padding-bottom:0}#b_results
.b_ans.b_vidAns .cardless .salink{margin:0}#b_results .b_ans.b_vidAns .mmlist
.mc_vtvc{margin-top:10px}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc
.mc_vtvc_meta{display:flex;flex-direction:column;justify-content:space-between;margin:0 10px 4px
12px}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_channel{color:#111}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_row_channel,#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area{color:#666}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area{bottom:0;height:unset}.b_dark .vsa.cardless
.mc_vtvc{background-color:unset}.mmtitle>a{display:block}.mmlist .mc_vtvc .mc_vtvc_meta { padding:
12px 16px 16px 16px; } .mmlist .mc_vtvc .mc_vtvc_meta_w { height: 112px; margin-top: -0px; } .mmlist
.mc_vtvc .mc_vtvc_title { height: 44px; line-height: 22px; margin-bottom: 0px; margin-top: 0px; } .mmlist
.mc_vtvc .mc_vtvc_meta_block_area { height: 40px; } .mmlist .mc_vtvc .vtmu, .mmlist .mc_vtvc .vtpl {
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bottom: 120px; } .mmlist .mc_vtvc_th_dock { height: 112px; } .mmlist .mc_vtvc_th .cico { height: 131px; }
.mmlist .mc_vtvc { margin: 10px 1px 0; } .mmlist .mc_vtvc_con_rc { display: flex; } .cardless .mmlist
.mmc_vtvc_con_rc { height: 112px; } .mmlist .mc_vtvc
.mmc_vtvc_meta { display: flex; flex-direction: column; justify-content: space-between; margin: 0 10px 4px
12px; padding: 0; } .mmlist
.mmc_vtvc_title { font-weight: 400; font-size: 16px; height: 44px; line-height: 22px; margin-bottom: 0; margin-top: 0; c
olor: unset; } .mmlist .mc_vtvc_meta_row { font-size: 13px; } .mmlist .mc_vtvc
.mmc_vtvc_meta_block_area { height: unset; } .mmlist .mc_vtvc .vtmu, .mmlist .mc_vtvc
.vtpl { bottom: 8px; } .cardless .mmlist .mc_vtvc { box-shadow: none; } .cardless .mmlist
.mmc_vtvc_center_play { width: 32px; height: 32px; } .cardless .mmlist
.mmc_vtvc_title { font-size: 16px; color: unset; } .cardless .mmlist
.mmc_vtvc_meta_row { line-height: 20px; } .cardless .mmlist
.mmc_vtvc_meta_pubdate { padding-bottom: 2px; color: #666; } .cardless .mmlist .mc_vtvc_th, .cardless .mmlist
.mmc_vtvc_th .cico, .cardless .mmlist .mc_vtvc_th div.rms_img { border-radius: 6px; } .cardless .mmlist
.mmc_vtvc_th { height: 111px; } .cardless .mmlist
.mmc_vtvc_htc { border-radius: 6px; overflow: hidden; } #serpvidans.vasac .cardless { box-shadow: none; } .cardless .m
mmlist .mc_bc { padding: 2px 8px; line-height: 14px; border-radius: 2px; font-weight: normal; } .mmlist
.mmc_vtvc: hover
.mmc_vtvc_title { text-decoration: underline; } .mmsi { height: 16px; width: 16px; position: relative; top: 5px; padding-ri
ght: var(--smtc-gap-between-content-xx-small); } .mmsi-microsoftnews, .mmsi-msn { top: 3px; } .mmgrid>div { widt
h: 197px; display: inline-block; margin-right: 8px; margin-bottom: 8px; box-shadow: 0 0 0 1px
rgba(0,0,0,.05); position: relative; vertical-align: top; overflow: hidden; white-space: normal; border-radius: 6px; } .vs
arr .mmgrid>div, .vsarr1stbig .mmgrid>div { margin-right: 8px; margin-bottom: 8px; } #serpvidansrr .mc_vtvc
.mmc_vtvc_meta { height: auto; } #serpvidansrr .mc_vtvc
.mmc_vtvc_title { display: -webkit-box; -webkit-line-clamp: 2; -webkit-box-orient: vertical; } .mmgrid
.mmc_tc { border: 0; } .vsa .mmgrid>div:nth-child(3n) { margin-right: 0; } .vsa
.b_moreLink { padding-top: 4px; } #serpvidansrr
.mmc_vtvc_meta_row { line-height: 18px; font-size: 100%; height: 17px; } .vsarr
.mmgrid>div:nth-child(2n) { margin-right: 0; } #serpvidansrr .mc_vtvc .vtmu, #serpvidansrr .mc_vtvc
.vtpl { bottom: 128px; } .vsarr1stbig .mmgrid>div:nth-child(2) { margin-right: 0; } #serpvidansrr .uipolish
.mmc_vtvc_meta_pubdate, #serpvidansrr .uipolish .mc_vtvc_meta_channel, #serpvidansrr .uipolish #vidans2
.b_videocard .video_metadata .video_source { color: #767676; } #serpvidansrr #vidans2 .b_videocard
.video_metadata_container, #serpvidansrr #vidans2 .b_videocard .video_metadata_container
.video_metadata>h3 { width: 100%; } @media(max-width: 1362.9px) { #serpvidansrr
.mmgrid>div { width: 168px; height: 206px; } #serpvidansrr .mmgrid>div .cico, #serpvidansrr .mmgrid>div .cico
.rms_img { width: 168px; height: 100px; } #serpvidansrr .mc_vtvc .mc_vtvc_meta { padding: 12px; } #serpvidansrr
.mmc_vtvc .mc_vtvc_title { height: 32px; line-height: 16px; margin-bottom: 16px; } #serpvidansrr .mc_vtvc
.mmc_vtvc_meta_block_area { height: 34px; } #serpvidansrr
.mmc_vtvc_meta_row { line-height: 15px; font-size: 13px; height: 15px; } #serpvidansrr
.mmc_vtvc_meta_pubdate { padding-bottom: 4px; } #serpvidansrr .mc_vtvc .vtmu, #serpvidansrr .mc_vtvc
.vtpl { bottom: 114px; } #serpvidansrr #vidans2 .b_videocard .videoPlayer, #serpvidansrr #vidans2 .b_videocard

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.videoPlayer .cico,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico
.rms_img{width:343px!important;height:194px!important;margin-right:0}}@media(max-width:1274.9px){#s
erpvidansrr .mmgrid>div{width:124px;height:164px}#serpvidansrr .mmgrid>div .cico,#serpvidansrr
.mmgrid>div .cico .rms_img{width:124px;height:76px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:8px}#serpvidansrr .mc_vtvc
.mc_vtvc_title{height:32px;line-height:16px;margin-bottom:12px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:28px}#serpvidansrr
.mc_vtvc_meta_row{line-height:13px;font-size:11px;height:13px}#serpvidansrr
.mc_vtvc_meta_pubdate{padding-bottom:2px}#serpvidansrr .mc_vtvc .vtmu,#serpvidansrr .mc_vtvc
.vtpl{bottom:96px}#serpvidansrr #vidans2 .b_videocard .videoPlayer,#serpvidansrr #vidans2 .b_videocard
.videoPlayer .cico,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico
.rms_img{width:256px!important;height:144px!important;margin-right:0}#serpvidansrr .maskthumb
.mc_bc_w{padding:8px 4px 4px 8px}#serpvidansrr.withsplitline
.mmgrid>div:nth-last-child(1),#serpvidansrr.withsplitline
.mmgrid>div:nth-last-child(2){margin-bottom:24px}#serpvidansrr.withsplitline .mmgrid{border-bottom:1px
solid #ecec; margin-bottom:16px}#serpvidansrr #vidans2 .b_videocard
.video_metadata{max-width:auto;padding:12px 16px}#serpvidansrr #vidans2
.b_videocard{margin-bottom:12px;box-shadow:0 0 1px rgba(0,0,0,.05),0 2px 3px
rgba(0,0,0,.1);border-radius:6px}#serpvidansrr .b_rich{padding-top:0}#serpvidansrr #vidans2
.videoPlayer{border-radius:6px 6px 0 0;overflow:hidden}#serpvidansrr #vidans2 .b_videocard
.video_metadata>h3{white-space:nowrap;overflow:hidden;text-overflow:ellipsis;-webkit-line-clamp:1;line-he
ight:15px;height:15px;font-size:13px;color:#000;margin-bottom:20px;font-family:"Arial",Helvetica,Sans-Seri
f;font-style:normal;display:block}#serpvidansrr.vsarr1stbig #vidans2 .b_videocard .video_metadata
.actionmenu{display:none}#serpvidansrr #vidans2 .b_videocard .video_summary,#serpvidansrr #vidans2
.b_videocard .video_source{line-height:15px}#serpvidansrr #vidans2 .b_videocard .videoPlayer
.vtbc{right:0}Videos of Trina Solar I3 Photovoltaic PanelWatch video5:21Trina Solar Panels: trina solar
panels detailed review| trina solar panel rates| MJ Solar Solution Pvt. Ltd13.9K viewsMar 29, 2024Watch
video3:28What Sets Trina Solar Panels Apart from Others? (2024) Your Energy Answers5.2K viewsApr 18,
2024Watch video2:39Jinko vs Trina Solar Panels: A Detailed Comparison Amazing Solar Australia15K
viewsApr 23, 2024Watch full videoTrina SolarTrinasolar PV ModulesTrina's top-tier TOPCon cells offer
impressive efficiencies up to 23.2%. Low-voltage design enables higher string power, delivering increased
energy yield. N Type has excellent product reliability, with ...

Trina's top-tier TOPCon cells offer impressive efficiencies up to 23.2%. Low-voltage design enables higher string power, delivering increased energy yield. N Type has excellent product reliability, with ...

Trina Solar, established in 1997 by Jifan Gao in Changzhou, China, has grown into a global leader in photovoltaic (PV) manufacturing. Initially focusing on system installations, the ...

Trina Solar high-quality PV panels provide clean and reliable solar electric power to on-grid and off-grid residential, commercial, industrial and utility scale applications around the world.



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With over 205 gigawatts shipped worldwide and counting, Trina's photovoltaic panels and solar system components provide clean, affordable and reliable energy to homes, businesses and power plants ...

These panels deliver solid performance for homeowners seeking best Trina solar panels for residential use without premium pricing. Power ratings range from 405W to 435W with efficiencies ...

Comprehensive guide to Trina Solar - Chinese solar panel manufacturer, Vertex modules, global presence, controversies, and market position. Updated 2025.

Web: <https://www.kopbeenskloof.co.za>

