

Title: How big is the solar inverter field

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How big is the solar inverter market?

Solar Inverter Market Size was valued at USD 12.15 billion in 2021. The solar inverter market industry is projected to grow from USD 12.84 Billion in 2022 to USD 18.93 billion by 2030, exhibiting a compound annual growth rate (CAGR) of 5.70% during the forecast period (2022 - 2030).

How big is the solar PV inverter market in 2024?

By application, utility-scale installations accounted for 63% of the solar PV inverter market size in 2024, while residential is set to grow at a 7.6% CAGR through 2030. By phase, three-phase units led with 72% of the solar PV inverter market share in 2024; Single-phase is forecasted to post a 7.2% CAGR between 2025 and 2030.

How big is the global PV inverter market?

The global PV inverter market was valued at USD 34.6 billion in 2024 and is estimated to grow at a CAGR of 9.5% from 2025 to 2034. The paradigm shift toward the integration of renewable energy resources will fuel the adoption of efficient systems.

How is the solar PV inverters market segmented?

The solar PV inverters market is segmented by inverter type, application, and geography. By inverter type, the market is segmented into central inverters, string inverters, and micro-inverters. By application, the market is segmented into residential, commercial and industrial, and utility-scale.

The Solar Inverter market is anticipated to grow from USD 12,729.5 million in 2025 to USD 23,661.6 million by 2030 with a CAGR of 13.20% during 2025-2030. The solar inverter industry encompasses ...

Solar PV Inverters Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Solar PV Inverter Market Report is Segmented by Inverter Type (Central Inverters, String ...

The global solar inverter market size was exhibited at USD 10.34 billion in 2023 and is projected to hit around USD 22.95 billion by 2033, growing at a CAGR of 8.3% during the forecast period of 2024 to ...

Solar Inverter Market to reach USD 18.93 billion, at a 5.70% CAGR during 2025 - 2035. Global hybrid solar inverter market Growth analysis by industry size, share, top companies, trends, new ...

The global PV inverter market was valued at USD 34.6 billion in 2024 and is estimated to grow at a CAGR of 9.5% from 2025 to 2034.

Solar PV Inverters Market in North AmericaSolar PV Inverters Market in EuropeSolar PV Inverters Market in Asia-PacificSolar PV Inverters Market in South AmericaSolar PV Inverters Market in Middle East & AfricaThe European solar PV inverters market has demonstrated steady growth with an approximate 3% CAGR from 2019 to 2024, driven by the region's ambitious renewable energy targets and commitment to carbon neutrality. The market is characterized by sophisticated technological requirements and high-quality standards, particularly in countries like Germany...See more on mordorintelligence .rcimgcol .cico { background: #f5f5f5; } .b_drk .rcimgcol .cico, .b_dark .rcimgcol .cico { background: unset; } .b_imgSet .b_hList li.square_m, .b_imgSet .b_hList li.tall_m{ width:75px } .b_imgSet .b_hList li.tall_mlb{ width:113px } .b_imgSet .b_hList li.tall_mln{ width:96px } .b_imgSet .b_hList li.wide_m{ width:128px } .b_imgSet .b_Card .b_hList li{ padding-left:1px; padding-right:9px } .b_imgSet .b_Card .b_hList li.tall_wfn{ width:80px; padding-right:6px } .b_imgSet .b_Card .b_hList li:last-child{ padding-right:1px } .b_imgSet .b_Card .b_imgSetData{ padding:0 8px 8px; height:40px } .b_imgSet .b_Card .b_imgSetItem{ box-shadow:0 0 0 1px rgba(0,0,0,.05), 0 2px 3px 0 rgba(0,0,0,.1); border-radius:6px; overflow:hidden } .b_imgSet .b_imgSetData p a{ color:#444; outline-offset:0 } .b_subModule .b_clearfix .b_mhdr .b_floatR .b_moreLink, .b_subModule .b_clearfix .b_mhdr .b_floatR .b_moreLink:visited, .b_subModule .b_clearfix .b_mhdr .b_floatR .b_moreLink:visited{ color:#767676 } .b_imgSet

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.cico .b_placeholder{ display:flex; justify-content:center; background-color:#f5f5f5; background-clip:content-box } .b_imgSet .cico .b_placeholder a{ display:flex } .b_imgSet .cico .b_placeholder a img{ width:48px; height:48px; margin:auto } @media(max-width:1362.9px){ #b_context .b_entityTP .b_imgSet li:nth-child(5){ display:none } .b_imgSet .b_hList li.wide_m:nth-child(3){ display:none } } @media(max-width:1274.9px){ #b_context .b_entityTP .b_imgSet li:nth-child(4){ display:none } .b_imgSet .b_hList li.wide_m:nth-child(2){ display:none } } .rcimgcol .b_imgSet{ content-visibility:auto; contain-intrinsic-size:1px 124px } .rcimgcol{ height:108px; padding-top:var(--smtc-gap-between-content-x-small); padding-bottom:var(--smtc-gap-between-content-x-small) } .b_algo:has(.b_agh) .rcimgcol{ padding-top:var(--smtc-gap-between-content-xx-small) } .rcimgcol .b_imgSet{ overflow:hidden } .rcimgcol .b_imgSet ul{ overflow-x:auto; overflow-y:hidden; white-space:nowrap; padding-left:0 } .rcimgcol .b_imgSet ul::-webkit-scrollbar{ -webkit-appearance:none } .rcimgcol .b_imgSet .b_hList>li{ padding-right:var(--smtc-padding-ctrl-text-side) } .rcimgcol .cico{ border-radius:unset } .rcimgcol .b_imgSet .b_hList>li:first-child .cico, .rcimgcol .b_imgSet .b_hList>li:first-child .cico a{ border-radius:unset; border-top-left-radius:var(--mai-smtc-corner-card-default); border-bottom-left-radius:var(--mai-smtc-corner-card-default); overflow:hidden } .rcimgcol .b_imgSet .b_hList>li:last-child .cico, .rcimgcol .b_imgSet .b_hList>li:last-child .cico a{ border-radius:unset; border-top-right-radius:var(--mai-smtc-corner-card-default); border-bottom-right-radius:var(--mai-smtc-corner-card-default); overflow:hidden } .rcimgcol .b_imgSet .b_hList>li:last-child .cico .b_sideBleed{ margin-left:unset; margin-right:unset } .rcimgcol .b_imgSet .b_hList>li:last-child .cico .b_imgSet .b_imgSetData{ cursor:pointer } .rcimgcol
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.b_imgclgovr .cico img: hover { transform: scale(1.05); transition: transform .5s ease } #b_content
#b_results > .b_algo
.b_caption: has(.rcimgcol) { padding-right: var(--mai-smtc-padding-card-default); margin-right: calc(-1 * var(--mai-smtc-padding-card-default)); margin-left: calc(-1 * var(--mai-smtc-padding-card-default)); padding-left: var(--mai-smtc-padding-card-default) } .rcimgcol .b_imgSet .b_hList .cico a { display: flex; outline-offset: -2px }
sightsOverlay, #OverlayIFrame.b_mcOverlay
sightsOverlay { position: fixed; top: 5%; left: 5%; bottom: 5%; right: 5%; width: 90%; height: 90%; border: 0; border-radius: 15px; margin: 0; padding: 0; overflow: hidden; z-index: 9; display: none } #OverlayMask, #OverlayMask.b_mcOverlay { z-index: 8; background-color: #000; opacity: .6; position: fixed; top: 0; left: 0; width: 100%; height: 100% } .rcimgcol .b_hList > li { position: relative; padding-bottom: 0 } .rcimgcol .b_hList > li .iacf_smol { pointer-events: none; border-top-right-radius: var(--mai-smtc-corner-card-default); border-bottom-right-radius: var(--mai-smtc-corner-card-default); white-space: normal } .rcimgcol .b_hList .cico { margin-bottom: 0 } .iacf_smol { display: flex; justify-content: center; align-items: center; gap: var(--smtc-gap-between-content-xx-small); width: 100%; height: 100%; background: rgba(0, 0, 0, .6); position: absolute; left: 0; top: 0; color: var(--mai-smtc-foreground-ctrl-on-image-rest); font: var(--bing-smtc-text-global-body2-strong); flex-wrap: wrap; align-content: center; text-align: center } .iacf_smol: hover { text-decoration: underline } .iacfmit [data-nohov] .iacfimgc .cico
img { transform: none } a.b_aatclink { text-decoration: none } .b_algoArticleTextCarousel { margin-left: 0; margin-right: 0; padding-bottom: var(--smtc-gap-between-content-x-small) } .b_algoArticleTextCarousel .b_slidebar .slide { border-radius: var(--mai-smtc-corner-card-default) } .b_algoArticleTextCarousel .b_insideSlide { padding: var(--mai-smtc-padding-card-default); height: 200px; width: 200px; border-radius: var(--mai-smtc-corner-card-default); border: 1px solid var(--smtc-stroke-ctrl-on-neutral-rest); box-sizing: border-box; background: var(--smtc-background-card-on-primary-default-rest) } .b_algoArticleTextCarousel .b_insideSlide: hover { background: var(--smtc-background-card-on-primary-default-hover) } .b_algoArticleTextCarousel .b_insideSlide: active { background: var(--smtc-background-card-on-primary-default-pressed) } .b_algoArticleTextCarousel .b_title { font: var(--bing-smtc-text-global-body3-strong); color: var(--smtc-foreground-content-neutral-secondary); display: -webkit-box; -webkit-box-orient: vertical; -webkit-line-clamp: 2; overflow: hidden; text-overflow: ellipsis } .b_algoArticleTextCarousel .b_insideSlide .b_text { margin-top: var(--smtc-gap-between-content-x-small); color: var(--smtc-foreground-content-neutral-secondary); font: var(--bing-smtc-text-global-body3); display: -webkit-box; -webkit-box-orient: vertical; -webkit-line-clamp: 5; overflow: hidden; text-overflow: ellipsis } .b_acf_crsli .slide .b_crsli tm > *: last-child, .b_acf_crsli .b_slideexp, #b_topw .b_wpt_container .b_slidesContainer: has(.b_acf_crsli) .b_slidesContainer { margin-bottom: unset } #b_topw .b_wpt_container: has(.b_acf_crsli) .b_viewport { padding: unset } #b_topw .b_wpt_container .b_wpt_container .b_wpt_container .b_wpt_container .b_acf_crsli .b_slidesContainer .slide .b_crsli tm { overflow: unset } .b_acf_crsli .btn.next .bg, .b_acf_crsli .btn.prev .bg { background: unset } #b_topw .b_wpt_container .b_acf_crsli .btn.bld.next, #b_topw .b_wpt_container .b_acf_crsli .btn.bld.prev, .b_acf_crsli .btn.next, .b_acf_crsli .btn.prev { z-index: 5 } .b_acf_crsli .b_fadebg .btn.next
```

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.bg{ background:linear-gradient(90deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)} .b_acf_crsl.b_fadebg .btn.prev
.bg{ background:linear-gradient(270deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)} .b_dark .b_acf_crsl .b_slidebar
.slide{ background-color:unset}[dir="rtl"] .b_acf_crsl.b_fadebg .btn.next
.bg{ background:linear-gradient(270deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)}[dir="rtl"] .b_acf_crsl.b_fadebg .btn.prev
.bg{ background:linear-gradient(90deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%)} .b_acf_crsl.hovexp .leftmost .b_overlay
.b_viewport,.b_acf_crsl.hovexp .leftrightmost .b_overlay .b_viewport,.b_acf_crsl.hovexp .b_overlay
.b_viewport{ padding-left:var(--smtc-gap-between-content-x-large)!important;margin-left:calc(var(--smtc-gap-
between-content-x-large)*-1)!important} .b_acf_crsl.hovexp .middle .b_overlay
.b_viewport,.b_acf_crsl.hovexp .rightmost .b_overlay
.b_viewport{ padding-left:unset!important;margin-left:unset!important} .b_colg_4xs
.slide{ margin-inline-end:var(--smtc-padding-ctrl-text-side)!important} .b_rowg_4xs
.slide>{* margin-bottom:var(--smtc-padding-ctrl-text-side)!important} .b_colg_3xs
.slide{ margin-inline-end:var(--smtc-padding-ctrl-sm-text-top)!important} .b_rowg_3xs
.slide>{* margin-bottom:var(--smtc-padding-ctrl-sm-text-top)!important} .b_colg_2xs
.slide{ margin-inline-end:var(--smtc-gap-between-content-xx-small)!important} .b_rowg_2xs
.slide>{* margin-bottom:var(--smtc-gap-between-content-xx-small)!important} .b_colg_xs
.slide{ margin-inline-end:var(--smtc-gap-between-content-x-small)!important} .b_rowg_xs
.slide>{* margin-bottom:var(--smtc-gap-between-content-x-small)!important} .b_colg_s
.slide{ margin-inline-end:var(--smtc-gap-between-content-small)!important} .b_rowg_s
.slide>{* margin-bottom:var(--smtc-gap-between-content-small)!important} .b_colg_m
.slide{ margin-inline-end:var(--smtc-gap-between-content-medium)!important} .b_rowg_m
.slide>{* margin-bottom:var(--smtc-gap-between-content-medium)!important} .b_colg_l
.slide{ margin-inline-end:var(--mai-smtc-padding-card-default)!important} .b_rowg_l
.slide>{* margin-bottom:var(--mai-smtc-padding-card-default)!important} .b_colg_xl
.slide{ margin-inline-end:var(--smtc-gap-between-content-x-large)!important} .b_rowg_xl
.slide>{* margin-bottom:var(--smtc-gap-between-content-x-large)!important} .b_colg_2xl
.slide{ margin-inline-end:var(--smtc-gap-between-content-xx-large)!important} .b_rowg_2xl
.slide>{* margin-bottom:var(--smtc-gap-between-content-xx-large)!important} .b_colg_3xl
.slide{ margin-inline-end:var(--smtc-padding-content-xx-large)!important} .b_rowg_3xl
.slide>{* margin-bottom:var(--smtc-padding-content-xx-large)!important} .b_colg_4xl
.slide{ margin-inline-end:var(--smtc-padding-content-xxx-large)!important} .b_rowg_4xl
.slide>{* margin-bottom:var(--smtc-padding-content-xxx-large)!important} .b_acf_card{ box-sizing:border-box
;border-radius:var(--mai-smtc-corner-card-default);-webkit-user-select:none;user-select:none;position:relative;
width:100%;height:100% } .b_acf_card.b_acf_bckgnd{ background:var(--bing-smtc-background-card-on-primar
y-alt-rest)} .b_acf_card_link{ border-radius:var(--mai-smtc-corner-card-default);outline-offset:-1px;position:a
bsolute;width:100%;height:100% } .b_acf_card_link:hover{ text-decoration:unset} .acf_col1_4{ width:140px} .a
cf_col1_6{ width:160px} @media(forced-colors:active){ .b_acf_card_link{ background-color:unset} .b_acf_car
```

d[link]

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.acf_t_c_title{color:LinkText!important}.acf_col1{width:88px}.acf_col2{width:200px}.acf_col3{width:312px}.acf_col4{width:424px}.acf_col5{width:536px}.acf_col6{width:648px}.acf_col7{width:760px}.acf_col8{width:872px}.acf_col9{width:984px}.acf_col10{width:1096px}.acf_col11{width:1208px}.acf_col12{width:1320px}.acf_row1{height:88px}.acf_row2{height:200px}.acf_row3{height:312px}.acf_row4{height:424px}.acf_row5{height:536px}.acf_row6{height:648px}.acf_row7{height:760px}.acf_row8{height:872px}.acf_row9{height:984px}.acf_row10{height:1096px}.acf_row11{height:1208px}.acf_row12{height:1320px}.b_slideexp{margin-bottom:20px;position:relative}.b_ans>.b_slideexp>.slide:last-child,.b_ans>.b_slideexp:last-child,.b_vPanel .b_slideexp:last-child{margin-bottom:0;padding-bottom:0}.b_slidebar .slide{display:inline-block;vertical-align:top}.b_slidebar .slide,.b_slideexp .b_viewport{overflow:hidden}.b_slideexp .b_viewport{margin:auto}.b_slidebar{white-space:nowrap}.b_slidebar .slide{white-space:normal;position:relative}.b_cards .cico,.b_slidebar .slide .cico{border-radius:0}.b_slidebar .b_slidebar .slide{width:100%}.b_slidebar.anim{transition:margin-left .35s cubic-bezier(.15,.85,.35,1)}.slide>.spinner{position:absolute;left:50%}.slide>.spinner>ner{position:relative;left:-50%;width:40px;height:40px;background:url(/rp/OJWYLxkTdSOmE7-V53KpAdOj-xY.gif) no-repeat;margin:40px auto 30px;z-index:1000}.slide_mask.hideSlideMask{visibility:hidden}.b_slidebar.b_autoslidingfade .slide.slide_fading{opacity:1}.slide_mask,.b_slidebar.b_autoslidingfade .slide{transition:opacity .3s linear}.slide_mask.slide_fading,.b_slidebar.b_autoslidingfade .slide{opacity:0}.slide_mask{position:absolute;width:100%;height:100%;opacity:.7;top:0}.carousel_seemore{text-align:center}.carousel_seemore.dark a{color:#fff}.b_slidebar.enable_selecting .slide.selected::after,.b_slidebar.enable_selecting .slide:hover::after{box-shadow:inset 0 0 0 2px #fff}.b_slidebar .slide.selected::after,.b_slidebar .slide:focus::after{box-shadow:inset 0 0 0 2px #0099bc}.b_slidebar.enable_selecting .slide.selected::after,.b_slidebar.enable_selecting .slide:hover::after,.b_slidebar .slide.selected::after,.b_slidebar .slide:focus::after{content:"";height:100%;width:100%;position:absolute;left:0;top:0}.b_slideexp .b_antiSideBleed{display:inline-block}.carousel_seemore>.b_moreLink.rndChev{vertical-align:middle;height:92px;text-decoration-color:#444;display:inline-block}.carousel_seemore .seeAll_txt{display:block;color:#444;line-height:17px}.carousel_seemore .seeAll_chev{display:block;height:48px;padding-bottom:12px;margin-top:15px}html[dir="rtl"] .carousel_seemore .seeAll_chev{transform:scaleX(-1)}.b_slideexp .b_viewport.scrollbar{overflow-x:auto;-ms-overflow-style:none;scrollbar-width:none}.b_slideexp .b_viewport.scrollbar::-webkit-scrollbar{display:none}.b_slideexp .b_viewport{-webkit-overflow-scrolling:touch}.b_overlay{position:relative}.b_overlay .btn{height:100%;position:absolute;width:20px;cursor:pointer;z-index:1;-moz-user-select:none;-khtml-user-select:none;-webkit-user-select:none;-o-user-select:none;-ms-user-select:none;user-select:none}.b_overlay .btn*{transition:opacity .3s linear}.b_overlay .btn .bg{position:absolute;width:100%;height:100%;background-color:#444;opacity:.3;filter:alpha(opacity=30)}.b_overlay .btn.nobg .bg{background-color:transparent}.b_overlay .btn:hover .bg{opacity:.7;filter:alpha(opacity=70)}.b_overlay .btn.nohover:hover
```

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.bg{opacity:.3;filter:alpha(opacity=30)}.b_overlay .btn.disabled .bg,.b_overlay .btn.nohover.disabled
.bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.hidden .bg,.b_overlay .btn.nohover.hidden
.bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.disabled,.b_overlay
.btn.hidden{cursor:default}.b_overlay .btn .cr{text-align:center;line-height:0}.b_overlay
.btn.bld.polecarchev.hidden .cr,.b_overlay .btn.bld.polecarchev.disabled .cr,.b_overlay
.btn.bld.rounded.hidden .cr,.b_overlay .btn.bld.rounded.disabled .cr,.b_overlay .btn.bld.bigrounded.hidden
.cr,.b_overlay .btn.bld.bigrounded.disabled .cr{opacity:.01;visibility:unset}.b_overlay .btn.hidden
.cr,.b_overlay .btn.disabled .cr{visibility:hidden}.b_overlay .btn.prev.ltr .cr,.b_overlay .btn.next.rtl
.cr{transform:scaleX(-1)}.b_overlay .btn.next{right:0}.b_overlay .btn .cr>div{background-size:40px
200px;background-repeat:no-repeat;width:20px;height:40px;background-position:-10px 0}.b_overlay .btn
.cr>div{background-image:url(/rp/S9IIHAMBBy7JxaR5m1KRvMwDswyw.png)}.b_overlay
.acfdefaultchev.btn.next{right:0!important}.b_overlay .acfdefaultchev.btn.prev{left:0!important}.b_overlay
.acfdefaultchev.btn.hover .bg{opacity:unset;filter:unset}.b_overlay .acfdefaultchev.btn.disabled,.b_overlay
.acfdefaultchev.btn.hidden{display:none}.b_overlay .acfdefaultchev.btn{width:48px}.b_overlay
.acfdefaultchev.btn .bg{opacity:unset}.b_overlay .acfdefaultchev.btn.prev .cr{left:0}.b_overlay
.acfdefaultchev.btn.next .cr{right:0}.acfdefaultchev
.cr{display:flex;justify-content:center;align-items:center;flex:1 0
0;align-self:stretch;width:36px;height:48px;position:absolute;margin:unset;opacity:unset;transition:unset;border-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-smtc-background-container);box-shadow:var(--smtc-shadows-floating-action-button-rest);fill:var(--smtc-foreground-content-neutral-secondary)}.acfdefaultchev
.cr:hover{background:var(--smtc-ctrl-fab-background-hover)}.acfdefaultchev
.cr:active{background:var(--smtc-ctrl-fab-background-pressed)}.b_ofchev .acfdefaultchev.btn.prev
.cr{left:-18px}.b_ofchev .acfdefaultchev.btn.next
.cr{right:-18px}@media(forced-colors:active){.acfdefaultchev .cr{background:ButtonFace}.acfdefaultchev
.cr>svg{fill:ButtonText}.acfdefaultchev .cr:hover,.acfdefaultchev
.cr:has(:focus-visible){background:Highlight}}.b_overlay .btn.bld.prev{left:-20px}.b_overlay
.btn.bld.next{right:-20px}.vcac{position:absolute;width:100%;top:50%}.vcac>div{position:relative;width:10
0%}.slide.b_crslitm.b_sldfitcont{width:fit-content}#slideexp0_B7F6C1 .slide:last-child { margin-inline-end:
0; } #slideexp0_B7F6C1 .slide>*:last-child { margin-bottom: unset !important; } .b_acf_crsl
#slideexp0_B7F6C1c .b_slidebar .slide { box-shadow: unset; -webkit-box-shadow: unset; }
.b_acf_crsl.hovexp #slideexp0_B7F6C1c.b_slideexp .b_overlay .b_slidesContainer { overflow: visible
!important; } .b_acf_crsl.hovexp #slideexp0_B7F6C1c.b_slideexp .b_overlay .b_viewport { padding-top:
12px !important; margin-top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px
!important; }Global Market Insights Inc.PV Inverter Market Size, Share & Forecast Report, 2025-2034See
MoreThe global PV inverter market was valued at USD 34.6 billion in 2024 and is estimated to grow at a
CAGR of 9.5% from 2025 to 2034.
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The solar PV inverter market reached USD 8.87 Billion in 2025 & expected to grow at 5.00% CAGR between 2026 and 2035, to reach USD 14.45 Billion by 2035.

The Solar Inverter Market Size was valued at USD 14.25 billion in 2024 and is expected to reach USD 20.74

How big is the solar inverter field

Source: <https://esafet.co.za/Sun-13-Apr-2025-33530.html>

billion by 2032 and grow at a CAGR of 4.8% by 2025-2032.

Website: <https://esafet.co.za>

