



# Explicación del principio de funcionamiento de la generación de energía solar

Este PDF se genera a partir de: <https://youfoto.es/Sat-04-Apr-2026-25530.html>

Generado el: 2026-05-05 16:08:22

Derechos de autor © 2026 YOUFOTO INDUSTRIAL SOLAR. Todos los derechos reservados.

Para las últimas actualizaciones y más información, visite nuestro sitio web: <https://youfoto.es>

---

En este artículo analizaremos los fundamentos técnicos que explican cómo funciona la energía solar, los diferentes sistemas de captación y transformación, así como sus aplicaciones industriales.

La energía solar es una forma de energía renovable obtenida directamente del sol. Se aprovecha la radiación solar o el calor para generar electricidad, lo que la convierte en una alternativa limpia y

A este proceso de la energía solar se le denomina efecto fotovoltaico, y gracias a él, cuantos más rayos de sol incidan sobre los paneles solares, más electrones serán liberados y se

La energía solar tiene su origen en el interior del Sol. Allí, se producen constantemente reacciones de fusión entre los núcleos de los átomos de hidrógeno, lo que da como resultado la formación de

Descubre cómo funcionan los paneles solares fotovoltaicos paso a paso. Explicación técnica completa del efecto fotovoltaico, componentes y rendimiento. Guía actualizada 2025.

¿Qué Es Energía Solar?¿Cómo Se Produce La Energía Solar?¿Para Qué Sirve La Energía Solar?¿Cómo Se Aprovecha La Energía Solar?Tipos de Tecnologías de Energía SolarVentajas de La Energía SolarDesventajas de La Energía SolarEl Futuro de La Energía SolarLa energía solar tiene su origen en el interior del Sol. Allí, se producen constantemente reacciones de fusión entre los núcleos de los átomos de hidrógenos, lo que da como resultado la formación de átomosde helio. La fusión nuclear que ocurre en el Sol, genera enormes cantidades de calor y energía. Estas son irradiadas al espacio como ondas y part...Ver más en concepto .iacfm .iacf\_head{display:flex;align-items:center;gap:var(--smtc-gap-between-content-small);text-decoration-color:var(--smtc-foreground-content-neutral-primary);box-sizing:border-box;margin-bottom:var(--smtc-gap-between-content-x-small)}.iacfm .iacf\_head span{flex:1 1 0;white-space:nowrap;text-overflow:ellipsis;overflow:hidden;color:var(--smtc-foreground-content-neu

# Explicación del principio de funcionamiento de la generación de energía solar

tral-primary);font:var(--bing-smtc-text-global-body3-strong)}.iacfm .iacf\_head  
div{display:flex;height:22px;width:22px;justify-content:center;align-items:center;transition:background  
d 300ms  
ease-out;margin-right:-3px;border-radius:var(--mai-smtc-corner-list-card-default);overflow:hidden}.ia  
cfm .iacf\_head .iacf\_chv{color:var(--smtc-foreground-content-neutral-primary)}[dir="rtl"] .iacfm  
.iacf\_head svg{transform:scaleX(-1)}.rel\_ent\_w{margin:4px 0 9px}.rel\_ent\_w  
.rel\_ent\_w:focus-visible{outline-offset:-6px}.rel\_ent\_w.rel\_ent\_crs{margin:6px 0 16px}.b\_top  
.rel\_ent\_w{margin-top:-4px}.b\_top .rel\_ent\_w.rel\_ent\_crs{margin-top:0}.b\_mm\_swipable  
.rel\_ent\_w{margin:4px 0 20px}.b\_rich .rel\_ent\_w{margin:-3px -16px  
8px}.rel\_ent\_w.rel\_ent\_scr:not(.rel\_ent\_crs){height:50px;overflow:hidden}.rel\_ent\_c{white-space:no  
wrap;overflow:hidden;padding-left:1px;height:50px}.aqptmt:not(.rel\_ent\_crs)  
.rel\_ent\_c{display:flex}.rel\_ent\_wp .rel\_ent\_c{white-space:initial}.rel\_ent\_scr  
.rel\_ent\_c{overflow-y:hidden;-webkit-overflow-scrolling:touch;overflow-x:auto}.rel\_ent\_scr:not(.rel\_e  
nt\_crs) .rel\_ent\_c{padding-bottom:12px}.b\_mm\_swipable  
.rel\_ent\_c{padding-left:10px;margin-top:-2px;margin-bottom:4px}.b\_rich  
.rel\_ent\_c{padding-left:15px}.rel\_ent\_w.rel\_ent\_crs .slide,.rel\_ent\_w.rel\_ent\_crs  
.slide:hover{width:auto;height:42px;border-radius:20px!important;box-shadow:none!important;overfl  
ow:visible}a.rel\_ent{display:inline-block;padding:0 16px 0 12px;margin:4px 8px 4px  
0;border-radius:20px;border:1px solid  
#ddd;text-decoration:none;overflow:hidden;height:40px;max-width:80vw}:not(#lgVidAnsContainer)>.  
aqptmt .rel\_ent\_c a.rel\_ent{overflow:initial;display:flex}.slide  
a.rel\_ent{margin:0;box-shadow:none}.b\_slidebar .slide .rel\_ent .cico,.rel\_ent  
.cico,.rel\_ent>img{display:inline-block;vertical-align:middle;margin:2px 8px 2px  
-10px;border-radius:50%;background:#f7f7f7;flex-shrink:0}.rel\_ent\_tw{vertical-align:middle;font-size:  
12px;color:var(--smtc-foreground-content-neutral-primary);line-height:16px;height:100%;float:right;di  
splay:table}.rel\_ent\_t{display:table-cell;vertical-align:middle;align-content:center}.aqptmt:not(.spl2)  
.rel\_ent\_tw,.aqptmt:not(.spl2) .rel\_ent\_tw  
.rel\_ent\_t{overflow:hidden;text-overflow:ellipsis;white-space:nowrap}.aqptmt:not(.spl2)  
.rel\_ent\_tw{display:flex;overflow:hidden;text-overflow:ellipsis;align-items:center;white-space:nowrap}  
.rel\_ent\_w:not(.spl2) .rel\_ent\_t strong{display:inline-block;font-weight:normal}#b\_results phead  
.b\_attribution{padding-bottom:8px}.iaplanner .b\_moreLink{margin-top:11px}.iaplanner.iarnd  
.b\_moreLink{margin-top:3px}.b\_ans .b\_rich pserp.b\_mBMargin{padding:0;border-top:0}.b\_ans  
#vidans2 .b\_rich .rel\_ent\_w{margin:6px 0 16px}.aqptmt  
a.rel\_ent{border-color:#106ebe}.aqptmt:not(.spl2) .rel\_ent\_tw,.aqptmt:not(.spl2) .rel\_ent\_tw  
.rel\_ent\_t{font-size:16px}#b\_content .iacfic.mmkiaacf .iacfmit  
.imgInfo{color:var(--smtc-ctrl-link-foreground-brand-rest)}#b\_content .iacfic.mmkiaacf .iacfmit  
a{text-decoration-color:var(--smtc-ctrl-link-foreground-brand-hover)}#b\_content .iacfic.mmkiaacf  
.iacfmit .imgInfo{font:var(--bing-smtc-text-global-body3)}#b\_content .iacfic.mmkiaacf  
.iacf\_crsl[data-wptds-carousel]>div[data-wptds-carousel-scroll-container]{padding-bottom:52px}#b\_c

# Explicación del principio de funcionamiento de la generación de energía solar

```
ontent .iacfic.mmkiaacf .iacfmit{box-sizing:initial;padding-bottom:52px}#b_content .iacfic.mmkiaacf
.iacfmit
.imgInfo{text-overflow:ellipsis;display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical;align-self:stretch;padding:0
var(--smtc-gap-between-content-xx-small);overflow:hidden;align-self:stretch}#b_content
.iacfic.mmkiaacf .iacfimgc{padding-bottom:var(--smtc-gap-between-content-x-small)}#b_content
.acflmgAns .salink,#b_content .acflmgAns
.iasalink{text-align:center;display:block;padding-bottom:var(--smtc-gap-between-content-medium)}#
b_content .acflmgAns .salink:hover .iasabt,#b_content .acflmgAns .iasalink:hover
.iasabt{background:var(--smtc-background-ctrl-neutral-hover)}#b_content .acflmgAns .salink:active
.iasabt,#b_content .acflmgAns .iasalink:active
.iasabt{background:var(--smtc-background-ctrl-neutral-pressed)}#b_content .acflmgAns
.iasabt,#b_content .acflmgAns
.iaExp_chevron{height:initial;border-radius:var(--smtc-corner-circular);background:var(--bing-smtc-b
ackground-ctrl-neutral-rest);display:inline-block;position:relative;top:0;box-shadow:initial}#b_content
.acflmgAns
.iasatxt{font:var(--bing-smtc-text-global-caption1-strong);color:var(--bing-smtc-foreground-content-br
and-rest);padding:var(--smtc-gap-between-content-x-small)
var(--smtc-gap-between-content-small);display:flex;gap:var(--smtc-gap-between-content-x-small);jus
tify-content:center;align-items:center}#b_content .acflmgAns .salink::before,#b_content .acflmgAns
.iasalink::before{border-bottom:1px solid
var(--smtc-stroke-ctrl-on-neutral-rest);width:100%;display:block;content:"";top:18px;position:relative}
#b_content .acflmgAns .svg{vertical-align:top}#b_content .acflmgAns
.svgpath{fill:var(--bing-smtc-foreground-content-brand-rest)}#b_content .acflmgAns
.iachevron,#b_content .acflmgAns
.svgicon{width:12px;height:12px;margin-left:0;position:relative;top:0}html[dir=rtl] #b_content
.acflmgAns .iachevron,html[dir=rtl] #b_content .acflmgAns .svgicon{transform:scaleX(-1)}#b_content
.acflmgAns .rel_ent_w a.rel_ent{border:1px solid var(--smtc-stroke-ctrl-on-neutral-rest)}#b_content
.acflmgAns .iaheader
.iacf_head{text-decoration-color:var(--smtc-foreground-ctrl-neutral-primary-hover)}#b_content
.acflmgAns .iaheader .iacf_head span,#b_content .acflmgAns .iaheader .iacf_head
svg{color:var(--smtc-foreground-content-neutral-primary);forced-color-adjust:auto}#b_content
.iacfic.mmkiaacf .iacf_plan .cico{border-radius:var(--mai-smtc-corner-card-default)}#b_content
.iacfic.mmkiaacf .iacf_plan .cico img{border-radius:var(--mai-smtc-corner-card-default)}#b_content
.iacfic.mmkiaacf{overflow:visible;padding:0}#b_content .iacfic.mmkiaacf
.iacf_crsl[data-wptds-carousel]{margin:0;padding-bottom:var(--smtc-gap-between-content-medium)}
#b_content .iacfic.mmkiaacf .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-controls]{--wptds-carousel-control-opacity:1}#b_content .iacfic.mmkiaacf
.iacf_crsl[data-wptds-carousel]>div{padding:0}#b_content .iacfic.mmkiaacf
```

# Explicación del principio de funcionamiento de la generación de energía solar

```
.iacf_crsI[data-wptds-carousel] [data-direction="end"]{margin-right:-22px}#b_content
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] [data-direction="end"]
svg{transform:scaleX(-1)}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]
[data-direction="start"]{margin-left:-22px}#b_content .iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]
[data-direction="start"] svg{transform:scaleX(1)}#b_content .iacfic.mmkiaacf
.iacf_crsI[data-wptds-carousel]
button{background:var(--smtc-background-card-on-primary-default-rest);box-shadow:var(--bing-smtc
-shadows-card-hover-3);width:36px;border-radius:var(--smtc-corner-ctrl-lg-rest)}#b_content
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]
button:hover{background:var(--smtc-background-card-on-primary-default-hover)}#b_content
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel]
button:active{background:var(--smtc-background-card-on-primary-default-pressed)}#b_content
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] button svg{transition:initial}#b_content
.iacfic.mmkiaacf .iacf_crsI[data-wptds-carousel] button svg
path{fill:var(--smtc-foreground-content-neutral-secondary);forced-color-adjust:auto}#b_content
.iacfic.mmkiaacf .iacfmit{position:absolute}#b_content .iacfic.mmkiaacf
.iacfimgc{margin:auto}#b_content .b_ans.b_imgansacf{padding:0!important}#b_content
.b_ans.b_top.b_imgansacf{background-color:initial!important}#b_content .acflmgAns .iaheader
.iacf_head{gap:0;padding:var(--smtc-gap-between-content-medium)
0;display:flex;align-items:center;box-sizing:border-box}#b_content .acflmgAns .iaheader
.iacf_head:hover{text-decoration:none}#b_content .acflmgAns .iaheader .iacf_head:hover
span{text-decoration:underline}#b_content .acflmgAns .iaheader .iacf_head:hover
.iacf_chv{background:initial}#b_content .acflmgAns .iaheader .iacf_head
div{display:flex;align-items:center;transition:background
300ms
ease-out;margin-right:-3px;border-radius:var(--smtc-corner-ctrl-rest);overflow:hidden;color:var(--bing
-smtc-foreground-content-neutral-secondary-alt)}#b_content .acflmgAns .iaheader .iacf_head
span{width:initial;flex:none;font:var(--bing-smtc-text-global-subtitle1-strong);padding-inline-start:0;ma
x-width:90%;text-overflow:ellipsis;white-space:nowrap;overflow:hidden}#b_content .acflmgAns
.iaheader .iacf_head .iacf_chv{width:22px;justify-content:center;height:22px}#b_content .acflmgAns
.rel_ent_w{margin-top:0}#b_content .acflmgAns .rel_ent_w .b_slideexp{margin:0}#b_content
.acflmgAns .rel_ent_w .btn.rounded{top:initial;margin-top:1px}#b_content .acflmgAns .rel_ent_w
.btn.next{right:-14px}#b_content .acflmgAns .rel_ent_w
.cr>div{width:36px;height:38px;border-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-s
mtc-background-container);box-shadow:var(--bing-smtc-shadows-card-hover-3);border:initial}#b_co
ntent .acflmgAns .rel_ent_w .cr>div:after{margin-inline-start:2px;top:0}#b_content .acflmgAns
.rel_ent_w .b_viewport{padding-top:0;margin-left:0;padding-left:0}#b_content .acflmgAns .rel_ent_w
.b_viewport
.slide{height:38px;margin-left:0;margin-inline-end:var(--smtc-gap-between-content-x-small)}#b_cont
ent .acflmgAns .rel_ent_w
```

# Explicación del principio de funcionamiento de la generación de energía solar

```

a.rel_ent{border-radius:var(--smtc-corner-circular);background:var(--smtc-background-card-on-prim
ary-default-rest);padding-left:0;height:38px}#b_content .acflmgAns .rel_ent_w
a.rel_ent:hover{background:var(--smtc-background-ctrl-outline-hover)}#b_content .acflmgAns
.rel_ent_w a.rel_ent:active{background:var(--smtc-background-ctrl-outline-pressed)}#b_content
.acflmgAns .rel_ent_w .cico{margin:var(--smtc-gap-between-content-xx-small)
var(--smtc-gap-between-content-x-small) var(--smtc-gap-between-content-xx-small)
var(--smtc-gap-between-content-xx-small)}#b_content .acflmgAns .rel_ent_w
.rel_ent_tw{font:var(--bing-smtc-text-global-caption1-strong)}#b_content .acflmgAns .rel_ent_w
.rel_ent_c{padding-left:0}#b_content .acflmgAns .rel_ent_w
.b_slidebar{padding-inline-start:0}#b_content .acflmgAns .rel_ent_w .rel_ent_c
.rel_ent:first-child{margin-inline-start:var(--mai-smtc-padding-card-default);align-items:center}#b_con
tent .acflmgAns .rel_ent_w .rel_ent_t{max-width:250px}html[dir=rtl] #b_content .acflmgAns
.iaheader .iacf_head svg{transform:scaleX(-1)}html[dir=rtl] #b_content .acflmgAns
.iacf_crsl[data-wptds-carousel] [data-direction="end"]{transform:scaleX(-1)}html[dir=rtl] #b_content
.acflmgAns .iacf_crsl[data-wptds-carousel] [data-direction="start"]{transform:scaleX(-1)}.iacfm
.iacfmit a:focus .isp_imgcont img,.iacfm .iacfmit a:focus .iacfimgc img,.iacfm .iacfmit a:focus
.iacf_smol{outline:3px dotted #1aebff;outline-offset:-5px}.iacfm .iacfmit .cico{position:relative}.iacfm
.iacfmit
.cico::after{content:"";position:absolute;left:0;top:0;width:100%;height:100%;background:rgba(0,0,0,
03)}.gs_card .iacfmit img,.b_wpt_container .iacfmit img,.b_acf_card .iacfmit img{transition:transform
.3s ease-out}.gs_card .iacfmit:hover .iacfimgc img,.b_wpt_container .iacfmit:hover .iacfimgc
img,.b_acf_card .iacfmit:hover .iacfimgc
img{transform:scale(1.1)}.iacfic{position:relative;height:100%;width:100%;background:#fff;overflow:h
idden;border-radius:inherit}.iacf_plan{position:relative}.iacfmit
.mimg{width:100%;height:100%;position:relative}.iacfic .iacfmit{position:absolute}.iacfic .iacfmit
.cico{border-radius:0}.iacfca{padding:var(--mai-smtc-padding-card-default);box-sizing:border-box;ov
erflow:hidden;border-radius:var(--mai-smtc-corner-card-default)}.iacfca .iacf_crsl
.iacfmit{overflow:hidden;position:relative}.iacfca .iacf_crsl .iacfmit
.cico{overflow:hidden;border-radius:var(--mai-smtc-corner-list-card-default)}.iacfca .iacf_crsl .iacfmit
.cico img{border-radius:inherit;transition:transform 300ms ease-out}.iacfca .iacf_crsl .iacfmit:hover
.cico img{transform:scale(1.1)}.iacfca .iacfmit a:focus,.iacfca .iacfmit a:focus img{outline:0}.iacfca
.iacfmit a:focus .cico::after{border-radius:inherit;box-shadow:inset 0 0 0 3px
var(--bing-smtc-background-card-on-primary-alt-rest);outline:2px solid
var(--smtc-foreground-content-neutral-secondary);outline-offset:-2px}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"]{margin:0
calc(-1*var(--mai-smtc-padding-card-default));height:auto}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"]
[data-wptds-carousel-scroll-container]{padding:0 var(--mai-smtc-padding-card-default)}.iacfca
[data-wptds-carousel][data-default][data-variant="Normal"] [data-wptds-carousel-scroll-container]

```

# Explicación del principio de funcionamiento de la generación de energía solar

```

ol{width:fit-content;align-items:center}.iacfca [data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="end"]{margin-right:24px}.iacfca
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start"]{margin-left:24px}.iacfca
.iacf_pag{position:absolute;bottom:8px;left:50%;transform:translate(-50%,0)}.cards.large
.iacfca{height:200px}[dir="rtl"] .iacfca .iacf_pag{transform:translate(50%,0)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]{background:var(--bing-smtc-background-ctrl-neutral-rest);border:0;hei
ght:56px;width:16px;transition:width .3s;background
.3s;color:var(--smtc-foreground-ctrl-neutral-primary-hover)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control] svg{transition:transform
.3s}.iacfm.iacfca .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]:hover{width:24px;background:var(--smtc-background-ctrl-neutral-hove
r)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] [data-wptds-carousel-control]
path{fill:currentColor}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol
[data-direction="start"]{border-radius:0 8px 8px 0;margin-left:16px}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="start"] svg{transform:scale(.7)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="start"]:hover svg{transform:scale(1)}.iacfm.iacfca
.iacf_crsl[data-wptds-carousel] ol [data-direction="end"]{border-radius:8px 0 0
8px;margin-right:16px}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="end"]
svg{transform:scale(-.7)}.iacfm.iacfca .iacf_crsl[data-wptds-carousel] ol [data-direction="end"]:hover
svg{transform:scale(-1)}.iacfm.iacfca.iacf_fb .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control],.iacfm.iacfca.iacf_ss .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control]{background:var(--mai-smtc-background-ctrl-on-image-rest);color:var(--
mai-smtc-foreground-ctrl-on-image-rest)}.iacfm.iacfca.iacf_fb .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control] path,.iacfm.iacfca.iacf_ss .iacf_crsl[data-wptds-carousel]
[data-wptds-carousel-control] path{fill:currentColor}.iacfca .iacf_colg_crsl
[data-wptds-carousel-list]{width:fit-content}.iacfca .iacf_colg_crsl .iacfmit{position:absolute}.iacfca
.iacf_colg_crsl
.cico{border-radius:0}.iacfca:not(.iacfh):has(>.iacf_colg_crsl){height:100%;width:100%;padding:0;ov
erflow:hidden;border-radius:inherit}.iacfca:not(.iacfh):has(>.iacf_colg_crsl)
.iacfmit{border-radius:0}.iacfca:not(.iacfh):has(>.iacf_colg_crsl) [data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{inline-size:calc(100% + var(--wptds-carousel-control-size) -
var(--mai-smtc-padding-card-default)*2);transform:translateX(calc(0rem +
var(--mai-smtc-padding-card-default) - (var(--wptds-carousel-control-size)/2)))
translateY(-50%)][data-wptds-carousel][data-default],[data-wptds-carousel][data-default]::before,[dat
a-wptds-carousel][data-default]::after,[data-wptds-carousel][data-default]
*,[data-wptds-carousel][data-default] ::before,[data-wptds-carousel][data-default]
*::after{box-sizing:border-box;margin:0;padding:0}[data-wptds-carousel][data-default][hidden],[data-

```

# Explicación del principio de funcionamiento de la generación de energía solar

```
wptds-carousel][data-default]
[hidden]{display:none}[data-wptds-carousel][data-default][data-visually-hidden],[data-wptds-carousel
][data-default] [data-visually-hidden]{block-size:.0625rem;border:0;clip:rect(0 0 0
0);inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}[data-wptds-c
carousel][data-default]{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-border-color:#d
dd;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676;--wptds-carousel-control-size:2rem;display:
block;position:relative;block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-scroll-container]{overflow-x:auto;overflow-y:clip;scroll-behavior:smooth;block-si
ze:100%;-ms-overflow-style:none;scrollbar-width:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-scroll-container]::-webkit-scrollbar{display:none}[data-wptds-carousel][data-def
ault]
[data-wptds-carousel-scroll-container]:focus-visible{outline-color:Highlight;outline-color:-webkit-focus
-ring-color;outline-offset:.0625rem;outline-style:auto;outline-width:.0625rem}[data-wptds-carousel][d
ata-default]
[data-wptds-carousel-list]{display:flex;gap:.5rem;list-style:none;block-size:100%}[data-wptds-carous
el][data-default]
[data-wptds-carousel-list]>*{flex-grow:0;flex-shrink:0}[data-wptds-carousel][data-default]
[data-wptds-carousel-list]>:not([data-wptds-carousel-item]){display:none}[data-wptds-carousel][data-
default] [data-wptds-carousel-item]{block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]>*{block-size:100%}[data-wptds-carousel][data-default]
[data-wptds-carousel-item]>img{display:block;inline-size:auto}[data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{list-style:none;position:absolute;inline-size:calc(100% +
var(--wptds-carousel-control-size));inset-block-start:50%;transform:translateX(calc(0rem -
(var(--wptds-carousel-control-size)/2)))
translateY(-50%);display:flex;align-items:center;justify-content:space-between;pointer-events:none}[
data-wptds-carousel][data-default]
[data-wptds-carousel-controls]>*{flex-grow:0;flex-shrink:0}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]{cursor:pointer;inline-size:var(--wptds-carousel-control-size);aspect-rati
o:1;display:grid;place-content:center;border-radius:50%;background-color:var(--wptds-carousel-cont
rol-bg-color);border:.0625rem solid
var(--wptds-carousel-control-border-color);box-shadow:var(--wptds-carousel-control-box-shadow);co
lor:var(--wptds-carousel-control-fg-color);opacity:var(--wptds-carousel-control-opacity);pointer-event
s:all}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#fff;--wptds-carousel-control-b
order-color:#ddd;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#767676}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]:focus-visible{outline-color:Highlight;outline-color:-webkit-focus-ring-col
or;outline-offset:.0625rem;outline-style:auto;outline-width:.0625rem}[data-wptds-carousel][data-defa
```

# Explicación del principio de funcionamiento de la generación de energía solar

```
ult] [data-wptds-carousel-control] *{pointer-events:none}[data-wptds-carousel][data-default]
[data-wptds-carousel-control]>svg{display:block}[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start">svg{transform:scaleX(1)}[data-wptds-carousel][
data-default]
[data-wptds-carousel-control][data-direction="end">svg{transform:scaleX(-1)}[data-wptds-carousel][
data-default]
[data-wptds-carousel-control][aria-disabled="true"]{visibility:hidden;cursor:not-allowed}[data-wptds-c
arousel][data-default] [data-wptds-carousel-announce]{block-size:.0625rem;border:0;clip:rect(0 0 0
0);inline-size:.0625rem;margin:-.0625rem;overflow:hidden;padding:0;position:absolute}[data-wptds-c
arousel][data-default][data-variant="Normal"],[data-wptds-carousel][data-default][data-variant="Full
Width"]{--wptds-carousel-control-opacity:0}[data-wptds-carousel][data-default][data-variant="Normal"
]:has([data-wptds-carousel-scroll-container]:focus-visible),[data-wptds-carousel][data-default][data-v
ariant="Normal"]:has([data-wptds-carousel-control]:focus-visible),[data-wptds-carousel][data-default]
[data-variant="FullWidth"]:has([data-wptds-carousel-scroll-container]:focus-visible),[data-wptds-caro
ousel][data-default][data-variant="FullWidth"]:has([data-wptds-carousel-control]:focus-visible){--wptds
-carousel-control-opacity:1}[data-wptds-carousel][data-default][data-variant="Normal"][[data-snap]
[data-wptds-carousel-scroll-container]{scroll-snap-type:x
proximity}[data-wptds-carousel][data-default][data-variant="Normal"][[data-snap]
[data-wptds-carousel-item]{scroll-snap-align:center;scroll-snap-stop:always}[data-wptds-carousel][da
ta-default][data-variant="Normal"][[data-snap]
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][dat
a-variant="Normal"][[data-snap]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][dat
a-variant="FullWidth"] [data-wptds-carousel-scroll-container]{scroll-snap-type:x
mandatory}[data-wptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]{inline-size:100%;scroll-snap-align:center;scroll-snap-stop:always}[data-w
ptds-carousel][data-default][data-variant="FullWidth"]
[data-wptds-carousel-item]:first-of-type{scroll-snap-align:start}[data-wptds-carousel][data-default][dat
a-variant="FullWidth"]
[data-wptds-carousel-item]:last-of-type{scroll-snap-align:end}[data-wptds-carousel][data-default][dat
a-variant="FullWidth"]
[data-wptds-carousel-item]> *{inline-size:100%}[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{--control-side-gap:.25rem;inline-size:calc(100% -
(var(--control-side-gap)*2));transform:translateX(calc(0rem + var(--control-side-gap)))
translateY(-50%)}[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-
bg-color:#fff;--wptds-carousel-control-border-color:#ddd;--wptds-carousel-control-box-shadow:0rem
.125rem .3125rem
rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#111}[data-wptds-carousel][data-desktop][data-vari
```

# Explicación del principio de funcionamiento de la generación de energía solar

```
ant="Normal"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][data-desktop]
[data-variant="Normal"]:has([data-wptds-carousel-control]:hover),[data-wptds-carousel][data-deskto
p][data-variant="FullWidth"]:has([data-wptds-carousel-scroll-container]:hover),[data-wptds-carousel][
data-desktop][data-variant="FullWidth"]:has([data-wptds-carousel-control]:hover){--wptds-carousel-c
ontrol-opacity:1}[dir="rtl"] [data-wptds-carousel][data-default]
[data-wptds-carousel-controls]{transform:translateX(calc(0rem +
(var(--wptds-carousel-control-size)/2))) translateY(-50%)}[dir="rtl"]
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="start">svg{transform:scaleX(-1)}[dir="rtl"]
[data-wptds-carousel][data-default]
[data-wptds-carousel-control][data-direction="end">svg{transform:scaleX(1)}[dir="rtl"]
[data-wptds-carousel][data-default][data-bleed-inline]
[data-wptds-carousel-controls]{transform:translateX(calc(0rem - var(--control-side-gap)))
translateY(-50%)} .b_dark [data-wptds-carousel][data-default],.b_drk
[data-wptds-carousel][data-default]{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-con
trol-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark [data-wptds-carousel][data-default]
[data-wptds-carousel-control]:active,.b_drk [data-wptds-carousel][data-default]
[data-wptds-carousel-control]:active{--wptds-carousel-control-bg-color:#484644;--wptds-carousel-co
ntrol-border-color:#545250;--wptds-carousel-control-box-shadow:0rem .125rem .1875rem
rgba(0,0,0,.1);--wptds-carousel-control-fg-color:#d2d0ce}.b_dark
[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active),.b_drk
[data-wptds-carousel][data-desktop]
[data-wptds-carousel-control]:hover:not([aria-disabled="true"]):not(:active){--wptds-carousel-control-
bg-color:#605e5c;--wptds-carousel-control-border-color:#545250;--wptds-carousel-control-box-shad
ow:0rem .125rem .3125rem rgba(0,0,0,.14);--wptds-carousel-control-fg-color:#faf9f8}.gs_card .iacfic
.iacfmit .iacfimgc,.gs_card .iacfic .iacfmit .cico,.b_wpt_container .iacfic .iacfmit
.iacfimgc,.b_wpt_container .iacfic .iacfmit
.cico{width:100%!important;height:100%!important;border-radius:0}.gs_card .iacfic .iacfmit.iacfstc
img,.gs_card .iacfic .iacfmit .iacfimgc img,.b_wpt_container .iacfic .iacfmit.iacfstc
img,.b_wpt_container .iacfic .iacfmit .iacfimgc
img{width:100%;height:100%;object-fit:cover}#slideexp3_EC1577 .slide { margin-right: 8px;
}#slideexp3_EC1577c .b_slidebar .slide { border-radius: 6px; }#slideexp3_EC1577 .slide:last-child {
margin-right: 1px; }#slideexp3_EC1577c { margin: -4px; } #slideexp3_EC1577c .b_viewport {
padding: 4px 1px 4px 1px; margin: 0 3px; } #slideexp3_EC1577c .b_slidebar .slide { box-shadow: 0
0 0 1px rgba(0, 0, 0, 0.05); -webkit-box-shadow: 0 0 0 1px rgba(0, 0, 0, 0.05); }
#slideexp3_EC1577c .b_slidebar .slide.see_more { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00);
-webkit-box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); } #slideexp3_EC1577c .b_slidebar
```

# Explicación del principio de funcionamiento de la generación de energía solar

.slide.see\_more .carousel\_seemore { border: 0px; }#slideexp3\_EC1577c .b\_sidebar  
.slide.see\_more:hover { box-shadow: 0 0 0 0px rgba(0, 0, 0, 0.00); -webkit-box-shadow: 0 0 0 0px  
rgba(0, 0, 0, 0.00); }Imágenes de Explicación Del Principio de Funcionamiento de la Generación de  
Energía solarPrincipios De La Energía SolarFuncionamiento De La Energía SolarPrincipio De  
Funcionamiento De Un Panel SolarFundamentos De La Energía SolarPrincipio De Funcionamiento  
Panel SolarExplicación De La Energía SolarFuncionamiento De Energia SolarPrincipios De  
Funcionamiento De Los Paneles SolaresPrincipios Básicos De La Energía SolarEnergía Solar: QUÉ  
ES, Tipos, Usos, Ventajas y Desventajas ??¿Cómo funcionan los paneles solares? - MCH  
Servicios\*ENERGIA\*SOLAR\*: LA ENERGIA SOLARInstalaciones Fotovoltaicas: tipos, cómo  
funcionan y beneficios¿Cómo funcionan los paneles Solares? ? ENERGIA SOLAR SURYAEnergía  
solar: Qué es, cómo funciona y ventajas | OVACENEnergía solar fotovoltaica: Qué es y cómo  
funciona | OVACEN¿Cómo funciona la energía solar? - Portal Solar Argentina¿Qué es la energía  
solar fotovoltaica? | Aprende InstitutelImportancia de la energía solar [ 7 razones ]Energía solar  
fotovoltaica: Qué es y cómo funciona | OVACENVer  
todo.b\_wikiRichcard\_noHeroSection{content-visibility:auto;contain-intrinsic-size:1px  
218px)#b\_results .b\_wikiRichcard p{display:inline}.b\_wikiRichcard  
.b\_promoteText{font-weight:bold}.b\_wikiRichcard  
.tab-head{margin-bottom:var(--smtc-gap-between-content-x-small)}#b\_results>li .b\_wikiRichcard  
.wikiRichcard\_heroSection{padding-bottom:var(--smtc-gap-between-content-small)}#b\_results>li  
.b\_wikiRichcard .wikiRichcard\_heroSection  
p{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b\_results>li .b\_wikiRichcard  
.tab-content p,#b\_results>li .b\_wikiRichcard .tab-content  
a{color:var(--smtc-ctrl-rating-icon-foreground-filled)}#b\_results>li .b\_wikiRichcard .tab-container  
a{border-bottom:1px dashed var(--smtc-stroke-ctrl-on-neutral-rest)}#b\_results>li .b\_wikiRichcard  
a.b\_mopexpref{border-bottom:0}#b\_results>li .b\_wikiRichcard  
line>a:hover{background-color:transparent;text-decoration:none}#b\_results>li .b\_wikiRichcard  
a[href\*="wikipedia "],#b\_results>li .b\_wikiRichcard a[href\*="wikipedia "]:hover,#b\_results  
.b\_wikiRichcard .wiki\_attr a,#b\_results .b\_wikiRichcard .wiki\_attr  
a:hover{border-bottom:0}#b\_results>li .b\_wikiRichcard a[href\*="wikipedia "]:hover,#b\_results  
.b\_wikiRichcard .wiki\_attr  
a:hover{text-decoration:underline;background-color:var(--smtc-background-card-on-primary-default-r  
est)}#b\_results>li .b\_wikiRichcard\_noHeroSection .b\_wikiRichcard  
p{color:var(--bing-smtc-foreground-content-neutral-secondary-alt);display:-webkit-box;-webkit-line-cl  
amp:5;-webkit-box-orient:vertical;overflow:hidden;padding-bottom:0}.b\_wikiRichcard\_noHeroSection  
.b\_imagePair  
.b\_wikiRichcard\_image{float:right;margin-top:var(--smtc-padding-ctrl-text-side)}.b\_wikiRichcard\_noH  
eroSection .b\_wikiRichcard  
.b\_clearfix.b\_overflow{line-height:var(--mai-smtc-padding-card-default)}.b\_wikiRichcard\_noHeroSect  
ion .b\_imagePair

# Explicación del principio de funcionamiento de la generación de energía solar

```
.b_wikiRichcard_image_caption{margin-right:110px}.b_wikiRichcard_noHeroSection .b_imagePair
.sml{display:none}#b_results li.b_algoBigWiki:hover h2
a{text-decoration:underline}.b_wikiRichcard_noHeroSection .b_floatR_img{padding:0 0
var(--smtc-gap-between-content-x-small)
var(--smtc-gap-between-content-x-small)}.b_wikiRichcard_noHeroSection{margin-top:var(--smtc-ga
p-between-content-x-small);margin-bottom:var(--smtc-gap-between-content-xx-small);box-sizing:bor
der-box}#b_content #b_results .b_algo .b_wikiRichcard .tab-head .tab-menu
li.tab-active{box-shadow:none;background:var(--bing-smtc-background-ctrl-subtle-rest);border-radiu
s:var(--mai-smtc-corner-list-card-default);color:var(--bing-smtc-foreground-content-brand-rest)}#b_co
ntent #b_results .b_algo .b_wikiRichcard:not(:has(.tab-navr)) .tab-head .tab-menu
li:hover{background:var(--smtc-background-ctrl-neutral-hover);color:var(--bing-smtc-foreground-cont
ent-brand-rest);border-radius:var(--mai-smtc-corner-list-card-default)}.b_wikiRichcard .tab-head
.tab-menu ul{gap:var(--smtc-gap-between-content-small)}#b_results .tab-menu
li:hover{box-shadow:none}#b_content #b_results .b_wikiRichcard
.tab-active:focus-visible{outline:0}#b_results .b_wikiRichcard .tab-menu,#b_results .b_wikiRichcard
.tab-menu li,#b_results .b_wikiRichcard .tab-menu
ul{height:auto;line-height:var(--AC_LineHeight)}#b_results .b_wikiRichcard
.tab-head{display:flex;justify-content:center;align-items:center}#b_results .b_wikiRichcard
.tab-head:has(tab-navr){width:fit-content}#b_results .b_wikiRichcard .tab-head
li{padding-top:var(--smtc-gap-between-content-x-small);padding-bottom:var(--smtc-gap-between-co
ntent-x-small)}#b_results .b_wikiRichcard
.tab-container{padding-bottom:0}.b_wikiRichcard_noHeroSection
span{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_results
.b_wikiRichcard,#b_results .b_wikiRichcard span{font:var(--bing-smtc-text-global-body3)}#b_content
#b_results .b_algo .b_wikiRichcard .tab-head .tab-menu li
.tab-active{color:var(--smtc-foreground-content-neutral-primary)}#b_content #b_results .b_algo
.b_wikiRichcard .tab-head .tab-menu
li:not(.tab-active){color:var(--bing-smtc-foreground-content-neutral-tertiary)}#b_content #b_results
.b_algo .b_wikiRichcard:not(:has(.tab-navr)) .tab-head .tab-menu
li:not(.tab-active):hover{color:var(--bing-smtc-foreground-content-brand-rest)}.b_wikiRichcard
.b_vList>li{padding-bottom:var(--smtc-gap-between-content-xx-small)}#b_results>li .b_wikiRichcard
a{color:var(--smtc-ctrl-link-foreground-brand-rest)}.mc_fh{height:100%;border-radius:6px}.mc_tc_bs{
overflow:hidden}.pvc_title_with_frows{padding-bottom:10px}.paratitle
.actionmenu{float:right;margin-top:-26px}.paratitle
.actionmenu::after{float:none}.b_paractl,#b_results
.b_paractl{line-height:1.5em;padding-bottom:10px}#tabcontrol_20_E87DC6 .tab-head { height:
40px; } #tabcontrol_20_E87DC6 .tab-menu { height: 40px; } #tabcontrol_20_E87DC6_menu {
height: 40px; } #tabcontrol_20_E87DC6_menu>li { background-color: #ffffff; margin-right: 0px;
height: 40px; line-height:40px; font-weight: 700; color: #767676; }
```

# Explicación del principio de funcionamiento de la generación de energía solar

```
#tabcontrol_20_E87DC6_menu>li:hover { color: #111; position:relative; }  
#tabcontrol_20_E87DC6_menu .tab-active { box-shadow: inset 0 -3px 0 0 #111; background-color:  
#ffffff; line-height: 40px; color: #111; } #tabcontrol_20_E87DC6_menu .tab-active:hover { color:  
#111; } #tabcontrol_20_E87DC6_navr, #tabcontrol_20_E87DC6_navl { height: 40px; width: 32px;  
background-color: #ffffff; } #tabcontrol_20_E87DC6_navr .sv_ch, #tabcontrol_20_E87DC6_navl  
.sv_ch { fill: #444; } #tabcontrol_20_E87DC6_navr:hover .sv_ch,  
#tabcontrol_20_E87DC6_navl:hover .sv_ch { fill: #111; } #tabcontrol_20_E87DC6_navr.tab-disable  
.sv_ch, #tabcontrol_20_E87DC6_navl.tab-disable .sv_ch { fill: #444; opacity:.2; }WikipediaEnergía  
solar fotovoltaica - Wikipedia, la enciclopedia libreInformación generalHistoriaAplicaciones de la  
energía solar fotovoltaicaComponentes de una planta solar fotovoltaicaEl desarrollo de la energía  
solar fotovoltaica en el mundoPlantas fotovoltaicas de conexión a redAutoconsumo y balance  
netoEficiencia y costosLa Burj Khalifa fotovoltaica es una fuente de energía renovable que permite  
la producción de electricidad a partir de la radiación solar. ? El proceso se realiza mediante  
dispositivos semiconductores llamados células fotovoltaicas, que convierten directamente la energía  
lumínica en corriente eléctrica por medio del efecto fotovoltaico. ?
```

Cuando la luz del sol incide en un panel solar fotovoltaico, la energía es absorbida por las células solares y utilizada para desprender electrones de los átomos de silicio, haciendo que

El principio de funcionamiento básico de un panel solar se basa en el efecto fotovoltaico. Este efecto ocurre cuando la luz (fotones) incide sobre la superficie de un panel solar,

La energía solar fotovoltaica es una fuente de energía renovable que permite la producción de electricidad a partir de la radiación solar. 1 El proceso se realiza mediante dispositivos

La energía solar funciona capturando la radiación del Sol y transformándola en energía útil, como electricidad o calor. Este proceso utiliza tecnologías especializadas que permiten

El efecto fotovoltaico convierte la luz solar en electricidad mediante células de silicio. Los fotones excitan electrones en semiconductores provocando corriente eléctrica. Los

Web: <https://youfoto.es>

