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Un controlador de carga solar es un equipo que controla el voltaje y la corriente eléctrica que las placas solares suministran a una batería. Los reguladores de carga verifican el estado de carga de la

PWM O MpptConexión BluetoothPantalla LCD RetroiluminadaPuertos de Conexión USB Sistemas de SeguridadCapacidad Del ReguladorNo olvides hacer cálculos de lo que necesitas y lo que te puede aportar el regulador. Los valores importantes son el voltaje de la batería soportada, la máxima corriente de salida y el voltaje máximo de entrada. El voltaje de la batería suele estar entre 12 y 48 V, por lo que puedes saber exactamente qué necesitas. Como siempre menciono sobre esto,...Ver más en elconsultorsolar

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#b_results li.b_ans.b_mop.b_mopb,#b_results
li.b_ans.b_nonfirsttopb{border-radius:6px;box-shadow:0 0 0 1px
rgba(0,0,0,.05);margin-top:12px;margin-bottom:10px;padding:15px 19px 10px}#b_results
li.b_ans.b_mop.b_mopb .b_sideBleed{margin-left:-19px;margin-right:-19px}#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-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.vsa
cf,#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
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.mc_vtvc_meta{height:auto;padding:var(--smtc-gap-between-content-xx-small) 0
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
);height: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)}#serpv
idans.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{color:var(--smtc-foreground-content-neutral-primary);height:var(--mai-smtc-pad
ding-card-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.vs
acf .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
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.mc_vtvc_ban_lo{display:block}#serpvidans.vsacf
.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_bcems{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.rmoverlay{height:36px}.vsacf .va_tt .vsb_tr_chd
.mc_vtvc_th_dock{height:92px;position:absolute;bottom:0;background:linear-gradient(180deg,var(--bing-smtc-background-ctrl-fade-on-image-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_slrdp
.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}#serpvidans.vsacf .b_module_expansion_control .b_btnContainer
.b_CompactExpansion{background-color:var(--bing-smtc-background-ctrl-neutral-rest);display:flex;justify-content: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-foreground-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;
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margin-top: 0px; } .mmlist .mc_vtvc .mc_vtvc_meta_block_area { height: 40px; } .mmlist .mc_vtvc
.vtmu, .mmlist .mc_vtvc .vtpl { 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 .mc_vtvc_con_rc{height:112px}.mmlist .mc_vtvc
.mc_vtvc_meta{display:flex;flex-direction:column;justify-content:space-between;margin:0 10px 4px
12px;padding:0}.mmlist
.mc_vtvc_title{font-weight:400;font-size:16px;height:44px;line-height:22px;margin-bottom:0;margin-t
op:0;color:unset}.mmlist .mc_vtvc_meta_row{font-size:13px}.mmlist .mc_vtvc
.mc_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
.mc_vtvc_center_play{width:32px;height:32px}.cardless.mmlist
.mc_vtvc_title{font-size:16px;color:unset}.cardless.mmlist
.mc_vtvc_meta_row{line-height:20px}.cardless.mmlist
.mc_vtvc_meta_pubdate{padding-bottom:2px;color:#666}.cardless.mmlist
.mc_vtvc_th,.cardless.mmlist .mc_vtvc_th .cico,.cardless.mmlist .mc_vtvc_th
div.rms_img{border-radius:6px}.cardless.mmlist .mc_vtvc_th{height:111px}.cardless.mmlist
.mc_vtvc_htc{border-radius:6px;overflow:hidden}#serpvidans.vasac.cardless{box-shadow:none}.car
dless.mmlist .mc_bc{padding:2px 8px;line-height:14px;border-radius:2px;font-weight:normal}.mmlist
.mc_vtvc: hover
.mc_vtvc_title{text-decoration:underline}.mmsi{height:16px;width:16px;position:relative;top:5px;padd
ing-right:var(--smtc-gap-between-content-xx-small)}.mmsi-microsoftnews,.mmsi-msn{top:3px}.mmgri
d>div{width: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}.vsarr .mmgrid>div,.vsarr1stbig .mmgrid>div{margin-right:8px;margin-bottom:8px}#serpvidansrr
.mc_vtvc .mc_vtvc_meta{height:auto}#serpvidansrr .mc_vtvc
.mc_vtvc_title{display:-webkit-box;-webkit-line-clamp:2;-webkit-box-orient:vertical}.mmgrid
.mc_tc{border:0}.vsa .mmgrid>div:nth-child(3n){margin-right:0}.vsa
.b_moreLink{padding-top:4px}#serpvidansrr
.mc_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
.mc_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 .mc_vtvc
.mc_vtvc_title{height:32px;line-height:16px;margin-bottom:16px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:34px}#serpvidansrr
.mc_vtvc_meta_row{line-height:15px;font-size:13px;height:15px}#serpvidansrr
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.mc_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 .videoPlayer .cico,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico
.rms_img{width:343px!important;height:194px!important;margin-right:0}}@media(max-width:1274.9p
x){#serpvidansrr .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-height:15px;height:15px;font-size:13px;color:#000;margin-bottom:20px;font-family:"Arial",Helveti
ca,Sans-Serif;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}.vsb_tr_c{position:relative;width:100%;overflow:hidden;background:#1d1b28;height:583
px;margin-bottom:16px}.vsb_tr_c.tr_nh{height:294px}.vsb_tr_c .mm_vrc h2,.vsb_tr_c .mm_vrc
.see_more{display:none}.vsb_tr_c .mm_vrc>div{padding-bottom:20px}.vsb_tr_c
.vsb_tr_t{position:absolute;top:16px;left:160px;font:normal 16px/19px
"Arial",Helvetica,Sans-Serif;font-weight:700;color:#fff;z-index:1}.vsb_tr_c
.vsb_tr_t::after{width:17px;height:12px;display:inline-block;background-size:7px
12px;background-repeat:no-repeat;background-position-x:right;opacity:.7;content:""}.vsb_tr_c
.vsb_tr_t:hover::after{opacity:1}.vsb_tr_c .mm_vrc
.mc_vtvc{background-color:#585858;border-radius:6px}.vsb_tr_c .mm_vrc
.mc_vtvc_con_rc{border-radius:6px}.vsb_tr_c
.vsb_tr_chd{position:absolute;bottom:0;width:100%}.vsb_tr_c .onhov
.mc_vtvc_ban_lo{display:none}.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title{line-height:15px}.vsb_tr_chd
.mc_vtvc_tot .mc_vtvc_meta_row,.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_meta_row
a{color:#dadada}.vsb_tr_chd .grad_b{top:30%;height:auto}.vsb_tr_chd .mc_vtvc_tot
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.mc_vtvc_meta_row{font-size:12px;line-height:16px;height:16px}.vsb_tr_chd .mc_vtvc_tot
.meta_pd_content{display:none}.vsb_tr_chd .mc_vtvc_tot .mc_vtvc_title
strong{font-weight:500}.vsb_tr_c .slide video{object-fit:cover}.vsb_tr_c .mc_vtvc_th
.cico{width:100%;height:100%}.vsb_tr_c .vrhcac{width:647px;position:absolute;width:calc(42% -
160px);bottom:200px;margin:0 0 0 160px;height:auto;padding:0;pointer-events:auto}.vsb_tr_c
.vrhcac .mc_vtvc_title{font:normal 30px/35px
"Arial",Helvetica,Sans-Serif;font-weight:700;height:70px;overflow:hidden;color:#fff;text-overflow:ellip
sis;display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:2}.vsb_tr_c .vrhcac
.mc_vtvc_meta_block_area{height:50px;margin:12px 0 0 0}.vsb_tr_c .vrhcac
.mc_vtvc_meta_row{font:normal 13px/15px "Arial",Helvetica,Sans-Serif;margin:5px 0 5px
0;color:#dadada}.vsb_tr_c .mm_vrc .b_overlay .btn.bigrounded .cr>div,.vsb_tr_c .mm_vrc .b_overlay
.btn.bigrounded
.cr>div: hover{background-image:url(/rp/qA6EopzJjTm5qQJvnXlrWGNP778.svg)}.vsb_tr_c
.vsb_tr_t::after{background-image:url(data:image/svg+xml,%3Csvg%20width%3D%22%22%20hei
ght%3D%2214%22%20viewBox%3D%220%200%207%2014%22%20fill%3D%22none%22%20xml
ns%3D%22http%3A%2F%2F%2F2000%2Fsvg%22%3E%0D%0A%20%20%20%20%3Cpath%20d
%3D%22M0.186925%201.19491L5.4643%207L0.186925%2012.8051C-0.0623082%2013.0792%2
0-0.0623082%2013.5214%200.186925%2013.7944C0.436158%2014.0685%200.838112%2014.06
85%201.08628%2013.7944L6.81334%207.49465C6.93212%207.36515%207%207.18433%207%2
07C7%206.81567%206.93212%206.63485%206.81334%206.50535L1.08628%200.205616C0.837
052%20-0.0685388%200.435097%20-0.0685388%200.186925%200.205616C-0.0612477%200.47
9772%20-0.0623082%200.92192%200.186925%201.19491Z%22%20fill%3D%22white%22%20fill-
opacity%3D%220.7%22%2F%3E%0D%0A%3C%2Fsvg%3E)}.va_tt .mm_vrc{padding:11px 2px 0
0}.va_tt .vsb_tr_t{position:relative;top:auto;left:auto;font:normal 18px/22px
"Arial",Helvetica,Sans-Serif;font-weight:400;color:#4007a2;z-index:auto}.b_dark .va_tt
.vsb_tr_t{color:#82c7ff}.va_tt .vsb_tr_tp,.va_tt .vsb_tr_tl{display:inline-block;margin-right:5px}.va_tt
.vsb_tr_chd{position:relative}.vsb_tr_c.va_tt{--va-st-padding-bottom:16px;height:auto;background-co
lor:transparent;margin-top:22px;overflow:visible;padding-bottom:var(--va-st-padding-bottom);margin-
bottom:0}.va_tt .mc_vtvc_ban_lo,.va_tt .vsb_tr_t::after,.va_tt .mc_vtvc: hover
.mc_vtvc_center_play,.va_tt .vsb_tr_chd .vt_onhv .mc_vtvc .mc_vtvc_meta{display:none}.va_tt
.mc_vtvc: hover .mc_vtvc_ht,.va_tt .mc_vtvc: hover .mc_vtvc_htb{display:table-cell}.va_tt
.mc_vtvc_htb{padding-top:50px;background:linear-gradient(360deg,rgba(0,0,0,.6)
60.35%,rgba(0,0,0,0) 100%);font-size:11px;line-height:13px}.va_tt .mc_vtvc_ht{padding:0
24px;text-shadow:0 1px 2px rgba(0,0,0,.2)}.va_tt .mc_vtvc_center_play{bottom:52px}.va_tt
.mc_vtvc: hover
.mc_vtvc_title{max-height:52px;white-space:normal;display:-webkit-box;-webkit-box-orient:vertical;-
webkit-line-clamp:4}#serpvidans .va_tt .slide{margin-right:0;vertical-align:bottom;transition:width
.2s,height .2s;border-radius:var(--mai-smtc-corner-card-default)!important}#serpvidans .va_tt
.slide:not(:first-child){margin-left:8px}#serpvidans .va_tt .mm_vrc>div{padding-bottom:0}.va_tt
.vsb_tr_chd .mc_vtvc .mc_vtvc_meta{height:auto;padding:8px;color:#ddd}.va_tt .vsb_tr_chd
.mc_vtvc_th_dock{height:72px;position:absolute;bottom:0;background:linear-gradient(360deg,rgba(
0,0,0,.55) 60.35%,rgba(0,0,0,0) 100%)).va_tt
```



Controlador de panel solar fotovoltaico

```
.mc_vtvc_meta_row_channel{font-size:13px;line-height:15px;font-weight:500;color:#fff;white-space:
nowrap;overflow:hidden;text-overflow:ellipsis;margin-bottom:6px}.va_tt .vsb_tr_chd .mc_vtvc
.mc_vtvc_title{height:auto;font-size:11px;line-height:13px;color:#ddd;white-space:nowrap;overflow:hi
dden;text-overflow:ellipsis}.va_tt .slide .mc_vtvc{width:100%}.va_tt .slide video{object-fit:cover}.va_tt
.mc_vtvc_th .cico{width:100%;height:204px}.va_tt .b_overlay
.btn.bigrounded{top:auto;bottom:0;margin-bottom:93px}.va_tt .vt_onhv
.mc_vtvc_htb{padding-top:86px}.va_tt .vsb_tr_chd .mc_vtvc .vtmu,.va_tt .vsb_tr_chd .mc_vtvc
.vtpl{bottom:6px}.va_tt .vcmt_ct,.va_tt
.vcmt_ctt{display:block;margin-bottom:4px;font-size:11px}.va_tt
.vasyt::before{content:"";background:url(
ABgAAAAYCAYAAADgdz34AAABRkIEQVR4Ae2UT0rDQBjFX7QICtaoI0imAReiUNuV696jmx5A8A
alZ/AlpbdwIT2B6wqIWYkuWgnBP7jo+D7SkcmiM4kd6KYPfjNDeHlfJt8kwEYOBXqhgENOd+SGnJK
Q7JFjsr3k/jmZkg/yQn7IE7IncAwjvElmRHICskKzQMdjuOZWsrcWNS7hX+dmgQurNQzxD52YBQ6s
1maTb3UCtNsooTOzwl7THkXAYAD0+9narVyTR9aGtVoqpyRRqtdzNXIs7qCCMqpWgXodqNVsrrk
Z/lmiimMe6g4wHLqciQx6BzOXGwn93S7QaBQJF6Uy6B28Wq3y1HKSZC6uL7PAG1wFymskg35F
Y/jX899Kfkxk6vE/JFIRrhvwXJEH8r5C8lw8kmudGyzbH037nl6Q9UnWu8i+eDnf38iamC7saVDkJG6
0Fv0CnB4lzftPhuMAAAAASUVORK5CYII=) no-repeat;background-size:18px
18px;padding-right:22px}.va_tt
.vasig::before{content:"";background:url(
ABgAAAAYCAYAAADgdz34AAAEsUIEQVR4Ad1UTWxUVRT+zn3vzbz5ozNtFQpRa2hDjC6qhKWI
CwjWTVmwMRKIMSG44W9hXIGRRKPRUMMCEySgidHEXfxkgJEU0ISEhEaltg0bZU7bTz99689
+49nvem5SfThVt5yc3ce+ee7zvfD869wP/9o/sXm4bKxUaAfQ6bnVkt9GZNiAwiuDpCmiM4MLDZwA
KdMjNgJoKWGZO6ZZhPK0RHj44+O99GsGITuRhkzJkshwMF00ROwHM6hKzhCnjaREjFBCYmM
HcDWYYmJSQKgbIQgi7XIPXiEom9RKBcf1+X1gMF3USBZQjBk2sdPLY2h+6VTgJqSdYqybyVfWP
Gw9x4FeWxKilhCY0FH9ZAI7L2yt9vP0BQ0s2dHZJ5hxB05zReObIWvQMF/Jdv+uwMrrzzMxo1g4Bs
NI29q42gK/J6SzGB8bH9zf4E/PqJMUyN/A79ZxVpMSHFwGKMmGGSGuTXIZBbvxi9BzYgm1+PK3
vOJgQe7N4l3HsEuoFOIYht6Xu+E79+dAXTX40t1iCQodkRI2yxR6xiEpNWfjBEsVmVTy6iY/d6rO5zU
RmvwCcHbQTdknIJe3i875FkHV6c5G4ul0dNyva46Dz0EqX6u0GFNPzRG1T78HsQxUqAYOQXQA
g6+/Nsj90h34TcRIASBUUWFatWJev0xDjIqcaZngKXPt9Bcb/4lXek7wipjU+j84sdKL96AnqqKhrsGJC
cNVIKi9oUaWojKKlUo4IMecm6k6bZogj5A9ulazVU3jjGPFNGbi7/5RkqfnYQKw4NorLnU6IGC4YohF
K+nLInkVqarOB5dOAvuKglA8dakMNVyfYZBOcuAbOTIFWDsuqEO7e5+e2PsPt7BLQORY0WgVxK
kktJvmAgg6a4xLNwqVqlk/AiKSwXJMAxJnVEghRIJfXoniPChmQ1ZBNp+W5KCDlgYzmdgVqlgpqW
kL91h8xoGRrbkwgNfgCrNU52RRS2YvnzsbNEJ67kGQvWbeSEktVHE9+ew3y4nlKIYIU0NrlSibSj/6x
9yk7fByZj98lff68KBD7tmxJjjSPHU8sAaUWUUQBPFaK22uQTf9DIPfYLEy1NtZ1SaVD6PAP1A+9Dj
09BmfbNjhbN0NPjqOxfzfz/G0my2Onf1WCyDMzYIFzeQVWscHsGtJz15N1astmNL87Gbcna32bGqff
Ak5KbCQ5BdKzTYvEV8CXi7fhqSTG3BiXA02i+x7puwRcikgloOtXObp5idKDr4HVAsLJi8SzY5y8yyH
YhLGLCuzLk9GzBqkNg0hv34noh5/YTFwnIjdOdzmC8JY8/E+YDFN95CByLx+Gu3U/XCx24PK/yRd
dvQx/+D2pWSRvdyhg1s12gg59Chl9mDKW1MzAO3cE1rWvobr6oHKPin4N8QocCUAKT0RIbGZno
Cd+I3NN8lwicqRdTSQqotNtBMgFw6qQH1JufDcrNz7tPRzBfz3JehZl8BifODDeHUZNXAjJFRtUNV
ipGyilNiWkmse6MvGjoaxnNTyN0NFV7I72S3sstxML9nxBRL7I00c+my8BhmvwqZRJV0vMKoStCDg
QsQV+xbNq1OmYoZLo6PzeGi+fwFJbz1lhJBeawAAAABJRU5ErkJggg==)
no-repeat;background-size:18px 18px;padding-right:22px}.va_tt
```

```
.vastt::before{content:"";background:url(
AAwAAAAMCAYAAABWdVznAAAA90IEQVR4AZWQu2sCQRDGJyYHCQdqPEKqSHr7NOZFyvQJi
J1YKYII1irY+ieoiKXYKZanil3Wloqg4AMfhaAcCMJ93q2vwkXODz6WnZnf7swQEUU0w6D1Wn7y4c
OJO/sLL8cH8ps1ernCdYCueCoJm03iAyaLGWa3SzstDFg028BoBvnfdw4IW+r+hTgtLVUX67ZcBcjC
KV0HEI/h0epT2cgT8IBAljyt+KNNsHMLU3yhUUebH+xGwWx+JRjOKdutUk+53wZVCPLGvnj/f2ZCF
chXh6RjDwYS1dnFLHo8XvZIMNVuE7PyD1SScATcHyqhuNevQt8H62BZHiaf6ZtXqegAAAABJRU5
ErkJggg==) no-repeat;background-size:contain;padding-right:20px}.va_tt
.vasfb::before{content:"";background:url(/rp/zvtkyPveEhrXqHA-euzAa983fpQ.png)
no-repeat;background-size:contain;padding-right:20px}.vcmt_ckt.vasyt::before{background-size:15px
x 15px;padding-right:19px}.vcmt_ckt.vasig::before{background-size:15px
15px;padding-right:19px}.vcmt_ckt.vastt::before{background-size:contain;padding-right:17px}.vcmt_ckt
tt.vasfb::before{padding-right:17px}.mm_vrc{padding:24px 32px}@media screen and
(max-width:1022px){.mm_vrc{margin:0}@media screen and
(max-width:766px){.mm_vrc{margin:0}}.mm_vrcc{padding:0 0 32px 0;margin-bottom:0}.mm_vrcc
h2{padding-bottom:20px}.mm_vrcc h2 a{font-family:"Segoe
UI",Arial,Helvetica;font-size:20px;color:#000;line-height:18px}.mm_vrcc
.b_overlay
.btn{z-index:3}.mm_vrcc .vrhc{z-index:2}.mm_vrcc .mc_vtvc_th .cico{padding-bottom:0}#dg_c
.mm_vrc,#dg_c .mm_vrcc{padding:8px 16px 0 16px}#dg_c .mm_vrcc .mc_vtvc{width:100%}#dg_c
.mm_vrcc
a:hover{text-decoration:underline}.isvctrl .mm_vrcc
.slide{overflow:visible}.mm_vrc{padding:16px 100px 0 160px}.mm_vrc .b_overlay
.btn.bigrounded.next{right:-44px}.mm_vrc .b_overlay .btn.bigrounded.prev{left:-44px}.mm_vrc
.b_overlay .btn.bigrounded .cr>div,.mm_vrc .b_overlay .btn.bigrounded
.cr>div:hover{box-shadow:none;border-radius:0;margin:0;background-position:16px
9px;background-size:12px
22px;background-color:transparent;background-image:url(/rp/rKVnxf6wkbx10DBa2Au3IVC5Sog.svg)
}.mm_vrc .b_overlay .btn.bigrounded .cr>div{opacity:.7}.mm_vrc .b_overlay .btn.bigrounded
.cr>div:hover{opacity:1}.mm_vrc h2
a{font-family:"Arial",Helvetica,Sans-Serif;font-style:normal;font-weight:500;color:#111}.mm_vrc
h2{display:inline-block;padding-bottom:16px}.mm_vrc>div{position:relative;padding-bottom:32px}.m
m_vrc .see_more{position:absolute;right:0;top:3px}.mm_vrc
.see_more>a{font-family:"Arial",Helvetica,Sans-Serif;font-style:normal;font-weight:normal;font-size:1
6px;line-height:18px;color:#000}#vsb_more{padding:16px 0 4px 160px;color:#111}#vsb_vid_cat
.mm_vrc h2
a::after{display:inline-block;margin-left:12px;content:"";background-image:url(/rp/rKVnxf6wkbx10DBa
2Au3IVC5Sog.svg);background-size:7px 14px;width:7px;height:14px;opacity:.7}#vsb_vid_cat
.mm_vrc h2 a:hover::after{opacity:1}.mm_vrc
.mm_vrc_sub{display:inline-block;margin-left:24px}.mm_vrc
.b_hList{position:absolute;height:20px;top:3px;overflow:hidden}.mm_vrc
.b_hList>li{padding-right:24px;padding-bottom:0}.mm_vrc .b_hList a{font:normal 13px/20px
"Arial",Helvetica,Sans-Serif;color:#111}.mm_vrc .mc_vtvc_tot .mmsts
.mc_vtvc_meta{display:none}.b_overlay
.btn.rouned{position:absolute;cursor:pointer;z-index:1;-moz-user-select:none;-khtml-user-select:no
```

```
ne;-webkit-user-select:none;-o-user-select:none;-ms-user-select:none;user-select:none}.b_overlay
.btn.rounded,.b_overlay .btn.rounded .bg,.b_overlay .btn.rounded .cr,.b_overlay .btn.rounded
.cr>div,.b_overlay .btn.rounded .vcac>div{border-radius:50%}.b_overlay .btn.rounded
.vcac{height:0}.b_overlay .btn.rounded{height:32px;width:32px;top:50%;margin-top:-16px}.b_overlay
.btn.rounded .bg,.b_overlay .btn.rounded:hover .bg{opacity:0}.b_overlay .btn.rtl.rounded
.cr{direction:ltr}.b_overlay .btn.hidden.rounded .cr,.b_overlay .btn.disabled.rounded
.cr{visibility:hidden}.b_overlay .btn.rounded .cr>div{border:1px solid #ececec;box-shadow:0 2px 3px
0
rgba(0,0,0,.1);height:30px;width:30px;overflow:hidden;background-image:none;background-color:#ff
f}.b_overlay .btn.rounded .cr>div:hover{box-shadow:0 2px 4px 1px rgba(0,0,0,.14)}.b_overlay
.btn.rounded .cr>div:after{bottom:5px;background-color:#fff;transform-origin:-430px
0;display:inline-block;transform:scale(.5);position:relative}.b_overlay .btn.rounded
.cr>div:hover:after{transform-origin:-514px 0}.b_overlay .btn.ltr.rounded
.cr>div:after{right:5px}.b_overlay .btn.rtl.rounded .cr>div:after{left:5px}.b_overlay
.btn.prev.ltr.rounded .cr,.b_overlay .btn.next.rtl.rounded .cr{transform:scaleX(-1)}body .b_overlay
.btn.rounded.next{right:-12px}body .b_overlay .btn.rounded.prev{left:-13px}.ra_car_container
.b_overlay .btn.prev.ltr.rounded .cr>div,.ra_car_container .b_overlay .btn.next.rtl.rounded
.cr>div{transform:unset}.ra_car_container .b_overlay .btn.rounded
.cr>div{background-position:0;border:unset}.ra_car_container .b_overlay .btn.rounded
.cr>div:after{content:unset}@media screen and (forced-colors:active){.b_overlay
.btn.rounded.hidden *.b_overlay .btn.rounded.disabled *{background:none}.b_overlay
.btn.rounded.hidden,.b_overlay .btn.rounded.disabled{background:none}}.b_overlay .btn.rounded
.cr>div:after{content:url(/rp/EX_mglLPdYtFnl-37m1pZn5YKil.png)}.vsb_tr_chd .mc_vtvc
.mc_vtvc_meta { padding: 10px 10px 10px 10px; } .vsb_tr_chd .mc_vtvc .mc_vtvc_meta_w { height:
190px; margin-top: -0px; } .vsb_tr_chd .mc_vtvc .mc_vtvc_title { height: 150px; line-height: 15px;
margin-bottom: 0px; margin-top: 0px; } .vsb_tr_chd .mc_vtvc .mc_vtvc_meta_block_area { height:
20px; } .vsb_tr_chd .mc_vtvc .vtmu, .vsb_tr_chd .mc_vtvc .vtpl { bottom: 198px; } .vsb_tr_chd
.mc_vtvc_th_dock { height: 190px; } .vsb_tr_chd .mc_vtvc_th_dock { height: 60px; }.tr_bt
.mc_vtvc_th
img{height:auto;width:100%}.grad_b{position:absolute;width:100%;top:30%;bottom:0%;background:lin
ear-gradient(180deg,rgba(48,44,39,0) 0%,#302c27 100%)}
.mc_vtvc_th_dock{width:100%;background:#302c27}.mc_vtvc_tot
.mc_vtvc_th{background-color:transparent}.vsadc .grad_b{top:81.8%}.mc_vtvc_tot
.mc_vtvc_meta{line-height:15px;position:absolute;bottom:0%;background:transparent}.mc_vtvc_tot
.mc_vtvc_meta_row{line-height:16px;font-size:12px;height:16px}.mc_vtvc_tot
.mc_vtvc_meta_row,.mc_vtvc_tot .mc_vtvc_meta_row a{color:#dadada}.mc_vtvc_tot
.mc_vtvc_title,.mc_vtvc_tot .mc_vtvc_title a{color:#fff}.vsadc .mc_vtvc_tot
.mc_vtvc_title{line-height:18px}.vsadc .mc_vtvc_tot .mc_vtvc_meta_row,.vsadc .mc_vtvc_tot
.mc_vtvc_meta_row a{color:rgba(255,255,255,.7)}.vsadc
.mc_vtvc_meta_pubdate{padding-bottom:2px}.vtdc_default{background:#302c27}.vtdc_default_g{ba
ckground:linear-gradient(180deg,rgba(48,2,39,0) 0%,#302c27 100%)}
.vtvc_black{background:#111}.vtvc_black_g{background:linear-gradient(180deg,rgba(17,17,
```

17,0) 0%,#111
100%}}.vtdc_blue{background:#3a4e74}.vtdc_blue_g{background:linear-gradient(180deg,rgba(58,7
8,116,0) 0%,#3a4e74
100%}}.vtdc_brown{background:#69423d}.vtdc_brown_g{background:linear-gradient(180deg,rgba(1
05,66,61,0) 0%,#69423d
100%}}.vtdc_grey{background:#464646}.vtdc_grey_g{background:linear-gradient(180deg,rgba(70,7
0,70,0) 0%,#464646
100%}}.vtdc_green{background:#324f32}.vtdc_green_g{background:linear-gradient(180deg,rgba(50
,79,50,0) 0%,#324f32
100%}}.vtdc_orange{background:#8c5400}.vtdc_orange_g{background:linear-gradient(180deg,rgba
(140,84,0,0) 0%,#8c5400
100%}}.vtdc_pink{background:#a3394b}.vtdc_pink_g{background:linear-gradient(180deg,rgba(163,
57,75,0) 0%,#a3394b
100%}}.vtdc_purple{background:#774077}.vtdc_purple_g{background:linear-gradient(180deg,rgba(1
19,64,119,0) 0%,#774077
100%}}.vtdc_red{background:#811515}.vtdc_red_g{background:linear-gradient(180deg,rgba(129,21
,21,0) 0%,#811515
100%}}.vtdc_white{background:#464646}.vtdc_white_g{background:linear-gradient(180deg,rgba(70,
70,70,0) 0%,#464646
100%}}.vtdc_yellow{background:#755b00}.vtdc_yellow_g{background:linear-gradient(180deg,rgba(1
17,91,0,0) 0%,#755b00
100%}}.vtdc_teal{background:#256868}.vtdc_teal_g{background:linear-gradient(180deg,rgba(37,10
4,104,0) 0%,#256868
100%}}.cipt,.cipg,.cipa,.cipl,.ciptr,.ciplr{display:inline-block}.cipa,.cipl,.ciplr{cursor:pointer}.vab{vertica
l-align:bottom}.vam{vertical-align:middle}.vat{vertical-align:top}.vabl{vertical-align:baseline}.vatt{verti
cal-align:text-top;border-radius:0}.vatb{vertical-align:text-bottom} evronDown12,
evronUp12{background:url(/rp/QKITrql25sGDqfRYQjkMWJWDeG8.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,.cipr
.cico{border-radius:0}.b_action>.cipt,.b_action>.cipl{float:left}.ciptr,.ciplr{margin-left:10px}.sw_play{h
eight:16px;width:16px}:not(.dc_aud_wrp)>.sw_play{background-image:url(
VBORw0KGgoAAAANSUUhEUgAAACAAAAAgCAMAAABEpIrGAAAAaVBMVEUAAAAAD58AFaQA
E6UAFKUAE6QAFKUAEqYAD58AE6QAE6UAFKQAEqUAD6QAE6MAE6QAD6cAE6QAFaQAFKQ
AEqQAFKUAEqQAFKUAEqIAFKMAEqMAE6MAD58AE6UAE6UAE6IAFKYAFKYAE6MaDJ//AAAAI
3RSTIMAEGCfz//XyCQj79vMEDfIKAWoK/vYL9gcHDPMM9QkK+fznHYYSkAAAEVSURBVHgBdZ
MFkuwwEEPvK/ULx8nSMN7/jh/X1dUDKgjpyaTIZavQLUF6q2rTo5o24aoaRVkH9MNNokk1DD3QW8
AzV7M/zAtIDNGbyqKA5k9+d58OkKPukZFjmU0/0Qf6PdeXGVcDu3wBQphcXpxH+vlioyhtyHRwLrW

QeICCEzHyZvunlBmLlmo0WtsEQQnZU2jMFQwg5cFTCgiGEGF8CBUMMgReGdCpvng/xaT7Ennc
3RFyaOMZIOu7LXLf2Q8GL1tSyROMGx3/O0aSzH1bEyznOUKYZcC/C+XVh2nJT6Yk+yd7giz3wV/
LstS8NfvgTPCN0qVkofAk8A+thMsnehzXQmqLmBVdqHXfZ97JPkPa3ldP6DeOGDIAP873EAAAAA
EIFTkSuQmCC);background-size:16px 16px}#slideexp0_750199 .slide { width: 94px; margin-right:
20px; }#slideexp0_750199c .b_slidebar .slide { border-radius: 6px; }#slideexp0_750199
.slide:last-child { margin-right: 1px; }.b_sldrp .slide{box-shadow:0 0 0 1px rgba(0,0,0,.05)}.b_cards
.cico,.b_slidebar .slide .cico{border-radius:0}#b_content .b_wpt_container
.l_ecrd_imgsetgrid.l_ecrd_imgsetgrid_actionlink .l_ecrd_imgsetgrid_item
.cico{border-radius:0!important}.b_sldrp .slide.see_more{box-shadow:0 0 0 0 rgba(0,0,0,0)}.b_sldrp
.slide.see_more .carousel_seemore{border:0}.b_sldrp .slide.see_more:hover{box-shadow:0 0 0 0
rgba(0,0,0,0)}#slideexp0_750199c { margin: -4px; } #slideexp0_750199c .b_viewport { padding: 4px
1px 4px 1px; margin: 0 3px; }#slideexp0_750199c .b_slidebar .slide[data-mini="1"] { display:none;
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carga de energía al aire libre, regulador de voltaje de salida de 5 V/9 V/12 V, caja de conexiones
para paneles solares plegables

Aprende a elegir controladores de carga solar eficaces: compara PWM y MPPT para maximizar baterías y autoconsumo.

Controlador de carga solar de 5-28 V para carga de energía al aire libre, regulador de voltaje de salida de 5 V/9 V/12 V, caja de conexiones para paneles solares plegables

En ella te voy a contar todo lo que tienes que saber de los reguladores de carga para que hagas la mejor compra. Para elegir los controladores de carga solar más recomendables he hecho pruebas y

Un controlador de carga solar es un dispositivo responsable de transferir energía de los paneles solares a las baterías para cargarlas. Su función principal es proteger las baterías del exceso de energía o

Un controlador panel solar es un componente crucial en cualquier sistema de energía solar fotovoltaica. Su función principal es regular el flujo de electricidad desde los paneles solares hacia las baterías y

CONTROLADOR SOLAR MPPT 10A Estanco IP67 Toda instalación solar requiere un controlador



Controlador de panel solar fotovoltaico

de carga solar. Como su nombre indica, este dispositivo regula la carga solar creada por su panel

Perfectos para uso móvil, aislado y doméstico, se conectan fácilmente con otros componentes de Victron para construir su configuración solar ideal,

EN STOCK: Controlador de panel solar con pantalla LCD, carga fotovoltaica de 12V/24V, adaptativo, negro, 20A, HGSD-10066-cre al mejor precio. Entrega disponible en España peninsular e Islas

Dispositivos esenciales para gestionar la energía solar, optimizando el rendimiento de paneles fotovoltaicos. Variedad en voltajes, eficiencia y protección.

El controlador de carga dirige y controla la potencia de los paneles fotovoltaicos hacia las baterías. Encontramos dos tipos de controladores de carga: los controladores de carga PWM y los

Web: <https://www.millerbel.es>

