

This PDF is generated from: <https://www.ruedasenmadrid.es/Mon-22-Mar-2021-15591.html>

Title: Power battery pack charging and discharging

Generated on: 2026-05-02 05:46:17

Copyright (C) 2026 MADRID MICROGRID. All rights reserved.

For the latest updates and more information, visit our website: <https://www.ruedasenmadrid.es>

Whether you are an engineer designing power systems, a solar energy enthusiast, or just someone looking to get the most out of your batteries, this guide will break down the 10 ...

Electric Battery Charging Charging Battery Pack Battery And Charging Charging Of Battery Charging Batteries Recharging Battery Battery Charging Battery Charg Charging Discharging Of Battery Charging and discharging characteristics of power battery pack .. arging of Battery and Discharging of Battery | Electrical4U Battery Charging Discharging Circuit at Isabella Jolly blog Battery Charging & Discharging: 10 Key Parameters Explained Power Battery Pack Charging and Discharging Test System Market, Report Fundamentals of Battery Operations Lithium Batteries Pack 100v 10a Charge 20a Discharge 30v 60v 70v Aging ... Power Plant Battery Pack Charging Discharging Testing Equipment - China ... 100V 100A Lithium Battery Pack Capacity Charging and Discharging Tester ... Cylindrical Battery Pack Charging and Discharging Tester - China ... Battery Pack Charging Discharging Testing Equipment - China Battery ... See all .pa_item .pa_img.white_bg,.pa_hover .pa_hover_img.white_bg{background-color:#f5f5f5}@media(forced-colors:none){.pa_item .pa_img.white_bg img,.pa_hover .pa_hover_img.white_bg img{mix-blend-mode:multiply}}#b_content .pa_carousel_mlo .b_slidebar .slide.see_more{width:85px!important;margin-right:0!important}#b_content .pa_carousel_mlo .see_more .carousel_seemore img.seeAll_chev.rms_img{opacity:0;padding-bottom:var(--smtc-gap-between-content-xx-small)}#b_content .pa_carousel_mlo .see_more .carousel_seemore a.b_moreLink{position:relative;text-decoration-color:var(--bing-smtc-foreground-content-brand-rest)}#b_content .pa_carousel_mlo .see_more .carousel_seemore a.b_moreLink::before{content:"";position:absolute;width:48px;height:48px;top:var(--smtc-gap-between-content-medium);left:50%;-webkit-transform:translate(-50%,0);-moz-transform:translate(-50%,0);-ms-transform:translate(-50%,0);-o-transform:translate(-50%,0);transform:translate(-50%,0);background-color:var(--bing-smtc-background-card-on-primary-alt-pressed);border-radius:10px;opacity:0;-webkit-transition:opacity 1s

```
ease;-moz-transition:opacity .1s ease;-ms-transition:opacity .1s ease;-o-transition:opacity .1s
ease;transition:opacity .1s ease}#b_content .pa_carousel_mlo .see_more .carousel_seemore
a.b_moreLink:hover::before,#b_content .pa_carousel_mlo .see_more .carousel_seemore
a.b_moreLink:focus::before,#b_content .pa_carousel_mlo .see_more .carousel_seemore
a.b_moreLink:active::before{opacity:1}#b_content .pa_carousel_mlo .see_more .carousel_seemore
a.b_moreLink::after{content:";position:absolute;width:13px;height:13px;bottom:var(--smtc-padding-content-x
x-large);left:50%;border-style:solid;border-width:3px 3px 0
0;border-color:var(--bing-smtc-foreground-content-brand-rest);-webkit-transform:translate(-75%,-50%)
rotate(45deg);-moz-transform:translate(-75%,-50%) rotate(45deg);-ms-transform:translate(-75%,-50%)
rotate(45deg);-o-transform:translate(-75%,-50%) rotate(45deg);transform:translate(-75%,-50%)
rotate(45deg);border-radius:2px}#b_content .pa_carousel_mlo .see_more .carousel_seemore a.b_moreLink
.seeAll_txt{color:var(--bing-smtc-foreground-content-brand-rest);font:var(--bing-smtc-text-global-body3-stro
ng)}.pa_carousel .b_slideexp{margin-bottom:0}.pa_carousel .b_slideexp
.btn{z-index:8}.pa_carousel_mlo{margin:0
calc(-1*var(--mai-smtc-padding-card-default));padding-bottom:var(--smtc-gap-between-content-xx-small)}.b_
adBottom .pa_carousel_mlo{margin:var(--mai-smtc-padding-card-default) 0 0 0!important}.narrpole
.pa_carousel_ml{padding-right:20px}.pa_carousel_mlo.expanded
.pa_carousel_ml{padding-right:var(--smtc-gap-between-content-xx-large)}.pa_carousel_ml
.slide{border-collapse:separate}.pa_carousel_ml .slide.anim{visibility:hidden;animation:slideInFromLeft .05s
cubic-bezier(.3,.5,.1,1) .3s 1 normal forwards}@-webkit-keyframes
slideInFromLeft{0%{visibility:visible;transform:translateX(100%)}100%{visibility:visible;transform:translat
eX(0)}}@keyframes
slideInFromLeft{0%{visibility:visible;transform:translateX(100%)}100%{visibility:visible;transform:translat
eX(0)}}.pa_carousel_ml .slide:focus-visible{text-decoration:underline}li
.pa_mlo{padding-bottom:0}#b_content ol#b_results li.b_ad,#b_content ol#b_topw.b_results_eml
li.b_ad{border-bottom:0}.b_adPATitle{text-overflow:ellipsis;overflow:hidden;white-space:nowrap;padding-ri
ght:var(--smtc-gap-between-content-medium);height:26px;font:var(--bing-smtc-text-global-subtitle1-strong);c
olor:var(--smtc-foreground-content-neutral-primary)!important;padding-bottom:var(--smtc-padding-ctrl-sm-te
xt-bottom)}.b_adPATitleBlock{padding-bottom:var(--smtc-gap-between-content-small)}.b_adPATitleBlock
.b_floatR{margin-left:var(--mai-smtc-padding-card-default)}.b_adPATitle
a:focus-visible{margin-left:var(--smtc-padding-ctrl-text-side);text-decoration:underline}.b_adPATitle
a{font:var(--bing-smtc-text-global-subtitle1-strong)!important;color:var(--smtc-foreground-content-neutral-pri
mary)!important;vertical-align:text-bottom}.pa_carousel_ml
.b_adPATitleBlock{padding-left:var(--mai-smtc-padding-card-default)}.b_adPATitle_chevron{display:inline-
flex;padding:var(--smtc-gap-inside-ctrl-to-secondary-icon)}.b_adPATitleBlock
.b_adSlug{margin-right:var(--bing-ads-smtc-url-icon-padding-left);padding:0
var(--smtc-padding-ctrl-text-side);border:1px solid
var(--bing-ads-smtc-ad-slug-stroke);font:var(--bing-smtc-text-global-caption2);color:var(--bing-ads-smtc-desk
top-foreground-ad-slug-default);border-radius:var(--bing-ads-smtc-ad-slug-corner)}.b_adChoice{position:rela
```

tive;width:12px;height:12px;text-indent:0;overflow:hidden;direction:ltr;transform:none;float:right}.b_adChoice
eInline{display:inline-block}.b_adChoice::after{transform-origin:-320px
0;transform:scale(.5);position:relative;display:inline-block}.b_adSlugRow
.b_adChoice{float:none;vertical-align:-1px;display:inline-block}.pa_sbo+a
.b_adChoice{margin-top:8px}.b_adPATitleBlock bubble_lite bubble_item,.b_adSlugRow bubble_lite
bubble_item,.b_spa_adblock bubble_lite bubble_item,.b_magazine bubble_lite
bubble_item,.ra_car_container bubble_lite
bubble_item,.b_adinfo{display:inline-block!important}.b_adinfo{cursor:pointer;vertical-align:middle;line-hei
ght:0}.b_adChoice::after{content:url(/rp/EX_mgILPdYtFnI-37m1pZn5YKII.png)}.emb_ppa
.listad{position:relative}.emb_ppa .b_adinfo bubble_item{height:12px}.emb_ppa lcard .lc_content
.b_factrow .b_slgw{position:absolute;top:6px;left:8px;display:flex;align-items:center;border:1px solid
#ecec;border-radius:6px;background-color:#fff;justify-content:center;height:20px;width:71px}div.b_adSlug
, lcard .lc_content .b_factrow div.b_embPPASlug.b_adSlug,#IMapContainer .b_aswta .vertcard .lc_content
div.b_factrow div.b_adSlug,div.gs_VA_slgw .b_adSlug.b_opttxt.b_divdef,.genserp_PA_container
.genserp_PA_title div.genserp_PA_adslug
span.genserp_adSlug,.gs_embedded_label_container,.embedded_msan_ad_slug{border:0;margin-right:0}#b_c
ontent .pa_carousel_mlo .pa_item.pa_vCard .pa_title,#b_content .pa_carousel_mlo .pa_item.pa_vCard
.pa_caption,#b_content .pa_carousel_mlo .pa_item.pa_vCard .b_finalText,#b_content .pa_carousel
.pa_item.pa_vCard .pa_title,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption,#b_content .pa_carousel
.pa_item.pa_vCard .b_finalText,#b_content .pa_grid .pa_item.pa_vCard .pa_title,#b_content .pa_grid
.pa_item.pa_vCard .pa_caption,#b_content .pa_grid .pa_item.pa_vCard .b_finalText{padding:0
var(--smtc-padding-ctrl-horizontal-default)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .cico,#b_content
.pa_carousel .pa_item.pa_vCard .cico,#b_content .pa_grid .pa_item.pa_vCard
.cico{margin-bottom:var(--smtc-gap-between-content-small)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_title,#b_content .pa_carousel .pa_item.pa_vCard .pa_title,#b_content .pa_grid
.pa_item.pa_vCard
.pa_title{font:var(--bing-smtc-text-global-body3);color:var(--smtc-ctrl-link-foreground-brand-rest)}#b_conten
t .pa_carousel_mlo .pa_item.pa_vCard .pa_caption,#b_content .pa_carousel .pa_item.pa_vCard
.pa_caption,#b_content .pa_grid .pa_item.pa_vCard
.pa_caption{margin-top:var(--smtc-gap-between-content-x-small);padding-bottom:var(--smtc-gap-between-co
ntent-x-small);font:var(--bing-smtc-text-global-caption1)!important}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .pa_price,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_price,#b_content .pa_grid .pa_item.pa_vCard .pa_caption
.pa_price{margin-bottom:var(--smtc-gap-between-content-xx-small)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .pa_price .prc_clr_grn,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_price .prc_clr_grn,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .pa_price
.prc_clr_grn{color:var(--smtc-status-success-tint-foreground)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .pa_price strong,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_price strong,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .pa_price

```
strong{color:var(--smtc-foreground-content-neutral-primary)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .pa_price .original_price,#b_content .pa_carousel .pa_item.pa_vCard
.pa_caption .pa_price .original_price,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .pa_price
.original_price{font:var(--bing-smtc-text-global-caption1);padding-left:var(--smtc-gap-between-content-x-sma
ll)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption .pa_installmentDesc,#b_content
.pa_carousel_mlo .pa_item.pa_vCard .pa_caption .pa_unitprice,#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .vertical_converted_price,#b_content .pa_carousel_mlo .pa_item.pa_vCard
.pa_caption .pa_shippingcost,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_installmentDesc,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption .pa_unitprice,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .vertical_converted_price,#b_content .pa_carousel
.pa_item.pa_vCard .pa_caption .pa_shippingcost,#b_content .pa_grid .pa_item.pa_vCard .pa_caption
.pa_installmentDesc,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .pa_unitprice,#b_content .pa_grid
.pa_item.pa_vCard .pa_caption .vertical_converted_price,#b_content .pa_grid .pa_item.pa_vCard .pa_caption
.pa_shippingcost{font:var(--bing-smtc-text-global-caption1);margin-bottom:var(--smtc-gap-between-content-
xx-small);color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .b_attribution,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.b_attribution,#b_content .pa_grid .pa_item.pa_vCard .pa_caption
.b_attribution{margin-bottom:var(--smtc-gap-between-content-xx-small);color:var(--bing-smtc-foreground-co
ntent-neutral-secondary-alt);border-bottom:0;font:var(--bing-smtc-text-global-caption1)}#b_content
.pa_carousel_mlo .pa_item.pa_vCard .pa_caption .b_attribution cite,#b_content .pa_carousel
.pa_item.pa_vCard .pa_caption .b_attribution cite,#b_content .pa_grid .pa_item.pa_vCard .pa_caption
.b_attribution
cite{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-secondary-al
t);opacity:unset}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption .b_secondaryText,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText,#b_content .pa_grid .pa_item.pa_vCard
.pa_caption
.b_secondaryText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutra
l-secondary-alt)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rebateText,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rebateText,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rebateText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-s
econdary-alt)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo
a,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo a,#b_content .pa_grid
.pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo
a{color:var(--smtc-ctrl-link-foreground-brand-rest)}#b_content .pa_carousel_mlo .pa_item.pa_vCard
.pa_caption .b_secondaryText .pa_rating a,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.b_secondaryText .pa_rating a,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rating a{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_content .pa_carousel_mlo
.b_overlay .btn .cr{height:24px;width:20px;padding:var(--smtc-padding-ctrl-lg-text-top)}
```

```
var(--smtc-padding-ctrl-sm-horizontal-default);background-color:var(--bing-smtc-foreground-ctrl-on-image-s
witchable-rest);border-radius:var(--smtc-corner-ctrl-lg-rest);box-shadow:var(--acf-elevation-3)}#b_content
.pa_carousel_mlo .b_overlay .btn
.cr>div{width:8px;height:8px;background-color:transparent;border-color:var(--smtc-foreground-content-neutr
al-primary);border-style:solid;border-width:2px 2px 0
0;transform:rotate(45deg);border-radius:0;top:var(--smtc-padding-ctrl-text-top);left:var(--smtc-padding-ctrl-s
m-text-top);position:relative;box-shadow:none;margin:0}#b_content .pa_carousel_mlo .b_overlay .btn
.cr>div::after{content:"";display:none}#b_content .pa_carousel_mlo .b_overlay
.btn.next{margin-right:6px}#b_content .pa_carousel_mlo .b_slideexp
.b_hoverFading{background:linear-gradient(90deg,var(--bing-smtc-background-ctrl-fade-on-primary-stop-0)
0%,var(--smtc-background-card-on-primary-default-rest) 60%);right:0}#b_content .pa_carousel_mlo
.b_slidesContainer{width:100%}html[dir="rtl"] #b_content .pa_carousel_mlo .b_overlay .btn
.cr>div{transform:rotate(135deg);left:calc(-1*var(--smtc-padding-ctrl-sm-text-top))}html[dir="rtl"]
#b_content .pa_carousel_mlo .b_slideexp
.b_hoverFading{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_content .pa_carousel_mlo
.slide,#b_content .pa_carousel .slide,#b_content .pa_grid
.pa_item{border-radius:var(--smtc-corner-card-rest)!important}#b_pole
.pa_carousel_mlo{margin-right:0}.pa_item.pa_vCard{word-wrap:break-word;line-height:20px;overflow:hidd
en}.pa_item.pa_vCard p strong,.pa_item.pa_vCard .pa_price strong{color:#111}.pa_item.pa_vCard
.pa_deal{text-decoration:line-through}#b_content .pa_item.pa_vCard
.b_attribution{font-size:14px;padding-bottom:0;line-height:20px}#b_content .pa_item.pa_vCard
p,#b_rrat_cont .pa_item.pa_vCard p{line-height:20px}#b_content .pa_item.pa_vCard
.pa_title{line-height:20px;overflow:hidden}.pa_item.pa_vCard
.b_footnote{line-height:17px;padding-bottom:0}.pa_item.pa_vCard
.pa_caption{padding-bottom:8px}.pa_item.pa_vCard .pa_caption,.pa_item.pa_vCard
.pa_title{padding-left:4px;padding-right:4px}.pa_item.pa_vCard
.b_finalText{position:absolute;width:100%;box-sizing:border-box;left:0;padding:0 4px 0
4px;bottom:8px}.pa_item.pa_vCard
.cico{display:block;padding-bottom:0;margin-bottom:8px;margin-left:auto;margin-right:auto;border-radius:0}
.pa_item.pa_vCard .pa_img{position:relative}.pa_item.pa_vCard .pa_price:hover,.pa_item.pa_vCard
.b_attribution:hover,.pa_item.pa_vCard .b_footnote:hover{cursor:pointer}.pa_carousel .slide{box-shadow:0 0
0 1px rgba(0,0,0,.1)!important}.pa_carousel .slide.see_more{box-shadow:0 0 0 0
rgba(0,0,0,0)!important}.pa_caption .pa_price:hover strong,.pa_hover .pa_hover_content .pa_price:hover
strong{text-decoration:underline;text-decoration-color:#111}.pa_caption .b_attribution:hover,.pa_hover
.pa_hover_content
.b_attribution:hover{text-decoration:underline}.pa_caption>.b_secondaryText:hover,.pa_hover
.pa_hover_content>.b_secondaryText:hover{color:#444}.b_ads1line{white-space:nowrap;overflow:hidden;te
xt-overflow:ellipsis;display:block}.pa_item .b_attribution cite,#b_content .pa_item .b_attribution
```

```
cite,.pa_hover .b_attribution cite,.pa_item .b_footnote .pa_url cite,#b_rrat_cont .pa_item .b_attribution
cite{color:#111;opacity:.8}#bpage.b_drk .pa_item .b_footnote .pa_url
cite{color:#d2d0ce}.pa_item.pa_vCard{cursor:pointer}.pa_badge{position:absolute;background-color:var(--s
mtc-status-informative-tint-background);border-radius:var(--smtc-ctrl-badge-sm-corner);box-shadow:var(--acf
-elevation-4);margin-left:var(--smtc-padding-ctrl-sm-horizontal-default)!important;top:var(--smtc-padding-ctrl
-text-top)!important}acf-badge{display:flex;align-items:center;inline-size:fit-content;max-inline-size:100%;ga
p:var(--smtc-ctrl-badge-gap);padding-block-start:var(--smtc-ctrl-badge-sm-text-padding-top);padding-block-e
nd:var(--smtc-ctrl-badge-sm-text-padding-bottom)}acf-badge,acf-badge::before,acf-badge::after,acf-badge
*,acf-badge ::before,acf-badge
*::after{box-sizing:border-box;margin:0;padding:0}acf-badge[hidden],acf-badge
*[hidden]{display:none}acf-badge[data-visually-hidden],acf-badge
*[data-visually-hidden]{block-size:1px;inline-size:1px;margin:unset;padding:unset;border:0;clip:rect(0 0 0
0);clip-path:inset(50%);overflow:clip;position:absolute;white-space:nowrap}acf-badge>{*{min-inline-size:0;fl
ex-shrink:0;flex-grow:0}acf-badge
span{flex-shrink:1;white-space:nowrap;overflow:clip;text-overflow:ellipsis;max-block-size:calc(1*1lh)}acf-b
adge[data-fill="Tint">{background-color:var(--smtc-status-informative-tint-background)}.acf-badge__favicon
{border-radius:var(--mai-smtc-corner-favicon)}@media(forced-colors:active){acf-badge{border:1px
solid}}acf-badge[data-size="Small"]{block-size:18px;border-radius:var(--smtc-ctrl-badge-sm-corner);padding
-inline:var(--smtc-ctrl-badge-sm-padding)}acf-badge[data-size="Small"]:has(.acf-badge__favicon){padding-i
nline-start:var(--smtc-padding-ctrl-text-side)}acf-badge[data-size="Small"][data-weight="Default"]{font:var(-
-bing-smtc-text-global-caption2)}acf-badge[data-size="Small"][data-weight="Heavy"]{font:var(--bing-smtc-t
ext-global-caption2-strong)}acf-badge[data-style="Neutral"][data-fill="Tint"]{color:var(--smtc-foreground-co
ntent-neutral-primary)}acf-badge[data-style="Neutral"][data-fill="Priority"]{color:var(--bing-smtc-foregrou
nd-ctrl-on-image-switchable-rest);background-color:var(--bing-smtc-status-informative-neutral-background)}
@supports(-webkit-line-clamp:2){.b_adsTrunTx{display:-webkit-box;overflow:hidden;-webkit-box-orient:ver
tical;white-space:normal;visibility:visible}.b_ellipsis{display:none}.b_adsTrunTx
.b_hiddenTx{display:inline}.b_hiddenTx{display:none}.pa_item.pa_vCard,.pa_item.pa_hCard{position:relat
ive}.pa_hover{z-index:4}.pa_carousel .b_overlay .btn{z-index:5!important}.pa_item.pa_vCard
.pa_newtab_icon{display:none}.pa_item.pa_vCard .pa_newtab_icon,.pa_item.pa_hCard: hover
.pa_newtab_icon,.pa_hover
.pa_newtab_icon{position:absolute;background-color:rgba(0,0,0,.35);background-size:10px
10px;background-position:4px
4px;background-repeat:no-repeat;border-radius:var(--smtc-corner-circular);height:18px;width:18px;z-index:1
}.pa_item.pa_vCard .pa_newtab_icon,.pa_hover
.pa_newtab_icon{right:4px;top:4px}.pa_item.pa_hCard: hover
.pa_newtab_icon{left:110px;top:8px}.pa_item.pa_vCard .pa_newtab_icon,.pa_item.pa_hCard: hover
.pa_newtab_icon,.pa_hover
.pa_newtab_icon{background-image:url(
AAAUCAyAAACNiR0NAAAA0kIEQVQ4EWNgGOyAkVIH/v//3xBoBg+15sD1Aw08DcRwAJcglwE0iRu
```

I58FMZAQyTICGFZNoYBcjI+N5kB6g/klAKg2I24G4gQVISANxOBAvBWJiwDEshgUBNV4HYhWQDf5
A/JsYk5DVgFwGxD+A2AtZnCWdGyaUYjUMZDJQgmQXAvUIA7EjVD8nk00McyUTjEEKDQzDt0C8H
6pnPpC2hekny0CYZiitjMynhoHI5jEMfgNBCRsEQDnGH8IkRRAlgEy8D8Ur0GWIJH9I0T1w0k5AETBd
SUE2utkAAAAEIFTkSuQmCC)}.pa_item.pa_vCard .pa_price .prc_clr_grn{color:#006d21}.pa_hover
.pa_price .prc_clr_grn{color:#006d21}.pa_price
.original_price{padding-left:8px;text-decoration:line-through;font-size:11px;vertical-align:top}.pa_price
.horizontal_converted_price{line-height:17px;font-size:11px;padding-left:8px}.vertical_converted_price{line-
height:17px;font-size:11px}.pa_price
.mob_horizontal_converted_price{line-height:17px;font-size:11px;padding-left:8px}.mob_vertical_converted
_price{line-height:17px;font-size:11px;padding-left:8px}.pa_rating{white-space:nowrap;text-overflow:ellipsi
s;min-height:17px}#b_results .pa_item .pa_ratingsmaller>span,#b_topw.b_results_eml .pa_item
.pa_ratingsmaller>span{transform:translateZ(0)}#b_results .pa_item .pa_ratingsmaller .sw_st,#b_results
.pa_item .pa_ratingsmaller .sw_sth,#b_results .pa_item .pa_ratingsmaller .sw_ste,#b_topw.b_results_eml
.pa_item .pa_ratingsmaller .sw_st,#b_topw.b_results_eml .pa_item .pa_ratingsmaller
.sw_sth,#b_topw.b_results_eml .pa_item .pa_ratingsmaller .sw_ste{transform:scale(calc(10/12));margin:-1px
-2px -1px -1px}.pa_hover .pa_rating
.rms_img{display:inline-block;margin-bottom:0;margin-left:0;margin-right:0}#b_content .b_ad
.b_secondaryText .b_colorBlend,#b_results>.b_ad .b_colorBlend,#b_topw.b_results_eml>.b_ad
.b_colorBlend,#b_results>.b_ad .b_accentColor,#b_context>.b_ad .b_accentColor,#b_rrat_cont>.b_ad
.b_accentColor,#b_topw.b_results_eml>.b_ad .b_accentColor,#b_context>.b_ad
.b_colorBlend,#b_rrat_cont>.b_ad .b_colorBlend,#b_dynRail>.b_ad .b_colorBlend,.pa_hover
.b_secondaryText .b_colorBlend,#b_pole .pa_carousel .b_secondaryText
.b_colorBlend{color:var(--bing-ads-smtc-desktop-foreground-snippet-default)}.b_ad .csrc,.pa_item
.csrc{padding-right:0}.csrc .sw_rtc_color{color:#d32f2f;font-weight:bold;font-family:"Segoe
UI",Arial,Helvetica,Sans-Serif}.b_dark .csrc .sw_rtc_color{color:#f66}.csrc .sw_rtright{padding-left:5px}.csrc
.sw_rtleft{padding-right:5px}.csrc .nobg{background-image:none}.csrc
.rms_st{padding-right:1px;vertical-align:inherit;max-height:14px;max-width:14px}.pa_hover{background-col
or:var(--smtc-background-web-page-primary);box-shadow:none;position:absolute;opacity:0;visibility:hidden;
word-wrap:break-word;cursor:pointer;overflow:hidden;z-index:4;pointer-events:none}.pa_hover
.pa_hover_content{padding-bottom:var(--smtc-gap-between-content-x-small)}.pa_hover
.pa_hover_title,.pa_hover .pa_price,.pa_hover .b_attribution,.pa_hover .b_secondaryText,.pa_hover
.pa_additionTx,.pa_hover>div>.b_ads1line,.pa_hover .b_footnote,.pa_hover
.pa_hover_content>.pa_locInv{padding-left:var(--smtc-padding-ctrl-horizontal-default);padding-right:var(--s
mtc-padding-ctrl-horizontal-default)}.pa_hover .pa_hover_img{position:relative}.pa_hover .pa_hover_img
img{display:block;margin-left:auto;margin-right:auto}.pa_hover
.pa_hover_title{font:var(--bing-smtc-text-global-body3)!important;color:var(--smtc-ctrl-link-foreground-bran
d-rest);margin-bottom:var(--smtc-gap-between-content-x-small)}.pa_hover
.pa_hover_title:hover{text-decoration:underline}.pa_hover
.pa_price{margin-bottom:var(--smtc-gap-between-content-xx-small)}.pa_hover .pa_price

```
.prc_clr_grn{color:var(--smtc-status-success-tint-foreground)}.pa_hover.pa_price
strong{color:var(--smtc-foreground-content-neutral-primary);font:var(--bing-smtc-text-global-caption1-strong
)}.pa_hover.pa_price
.original_price{font:var(--bing-smtc-text-global-caption1);padding-left:var(--smtc-gap-between-content-x-sma
ll)}.pa_hover.pa_installmentDesc,.pa_hover.pa_unitprice,.pa_hover.vertical_converted_price,.pa_hover
.pa_shippingcost{font:var(--bing-smtc-text-global-caption1);margin-bottom:var(--smtc-gap-between-content-
xx-small);color:var(--bing-smtc-foreground-content-neutral-secondary-alt);padding-bottom:0}.pa_hover
.b_attribution{margin-bottom:var(--smtc-gap-between-content-xx-small);color:var(--bing-smtc-foreground-co
ntent-neutral-secondary-alt);border-bottom:0;font:var(--bing-smtc-text-global-caption1)}.pa_hover
.b_attribution
cite{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-secondary-al
t);opacity:unset}.pa_hover.pa_bcSeparator{margin:var(--smtc-gap-between-content-xx-small)
0;border-top:1px solid #ecec}.pa_hover
.b_secondaryText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutra
l-secondary-alt)}.pa_hover.b_secondaryText
.pa_rebateText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-s
econdary-alt)}.pa_hover.b_secondaryText.pa_promo
a{color:var(--smtc-ctrl-link-foreground-brand-rest)}.pa_hover.b_secondaryText.pa_rating
a{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}.pa_hover.b_secondaryText
.b_colorBlend{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)!important}.pa_hover
.pa_additionTx,.pa_hover
.pa_locInv{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-secon
dary-alt)}.pa_hover_adLink:has(.pa_hover_content.pa_hcgp){border-
radius:var(--smtc-corner-card-rest)}.pa_hover.ad_scpah.pa_animation{background-color:var(--smtc-backgrou
nd-card-on-primary-default-hover);box-shadow:var(--acf-elevation-3);pointer-events:auto}.pa_item.pa_vCard
>a:has(.pa_hover:not(:has(.b_pa_hov_indicator_c))).pa_hover_img
img{margin-bottom:var(--smtc-gap-between-content-small)}.pa_hover.ad_scpah.pa_animation{transition:heig
ht var(--acf-animation-duration-default) var(--acf-animation-ease-default),background-color
var(--acf-animation-duration-default) var(--acf-animation-ease-default),box-shadow
var(--acf-animation-duration-default) var(--acf-animation-ease-default)}.b_pa_indicator_c{position:absolute;bottom:calc(-1*var(--smtc-gap-betwee
n-content-x-small));width:100%;display:flex;gap:var(--smtc-gap-between-content-xx-small);justify-content:ce
nter;forced-color-adjust:none}.b_pa_hov_indicator_c{position:relative;height:12px;display:flex;gap:var(--smt
c-gap-between-content-xx-small);justify-content:center;align-items:center}.b_pa_ind_chev{position:absolute;
height:36px;width:36px;background-size:cover;background-repeat:no-repeat;background-position:center}.b_t
abhovcard
.b_pa_ind_chev{display:none}.b_pa_ind_chev.left{left:0}.b_pa_ind_chev.right{right:0}.b_pa_indicator{trans
ition:width var(--acf-animation-duration-default)
var(--acf-animation-ease-default)}.b_pa_indicator.sel{width:8px;height:4px;border-radius:var(--smtc-ctrl-bad
```

```
ge-sm-corner);background-color:var(--smtc-foreground-content-brand-primary)}.b_pa_indicator:not(.sel){width:4px;height:4px;border-radius:var(--smtc-ctrl-badge-sm-corner);background-color:var(--bing-smtc-stroke-ctrl-strong)}.b_pa_ind_chev.left{background-image:url(/rp/agxFsUMkC673WmoTmnIMPxEe6ws.svg)}.b_pa_ind_chev.left:hover{background-image:url(/rp/xMN0EpA0PIBdEcQcjFfqG_vpETU.svg)}.b_pa_ind_chev.right{background-image:url(/rp/aEIX3ul9gwY0f2HW1RKDZD2xqCE.svg)}.b_pa_ind_chev.right:hover{background-image:url(/rp/E-Z-5a58Tr01Gv0dz1-0Mc32imE.svg)}.b_secondaryText
.pa_targ{line-height:20px}.pa_ml .pa_targ img.pa_targImage,.pa_sb .pa_targ
img.pa_targImage{float:left;margin:2px 2px 0 0}.pa_targ .pa_tgt_icon{display:inline-block;margin:3px 2px 0 0;width:12px;height:12px}.pa_targ
.pa_shipping_icon{background-image:url("")}.b_dark .pa_targ
.pa_shipping_icon{background-image:url("")}.pa_targ
.pa_pricedrop_icon{background-image:url("")}.pa_targ
.pa_pricedrop_icon{background-image:url("")}.pa_targ
.pa_topview_icon{background-image:url("")}.pa_targ
```

```
Eeul0+rzZbD6MCEEQjOVyuSbJXQDXAG5FREguACiKyKkxptZqtT5MvV5PZ7PZC5LrqrinFtW1SMRqT
nnlkiuktMkqRbqVRSZjAYnIjIXCaTKbfb7aswDCNjzKOqPllrO977S5IbAOYLhcKxEZEDknuNRuM1DM
OyiGynUqmiqi6S3LHWrrnvXwDskzw0cRyXvPddADDGTAAAY5PP5+36/fwfgDcAkADjnzobDYXGkUrVa
HVfVGwA9AIBkdBzHpSiK3n/M+iVNqWpAkkmSRJ1O5/mv3/2OT2YVjsqITb0WAAAAAEIFTkSuQmCC'
)}).b_dark .pa_targ
.pa_topview_icon{background-image:url("
AAAAMCAYAAABWdVznAAAACXBIWXMAAAAsTAAALEwEAmpwYAAAAAXNSR0IArs4c6QAAA
ARnQU1BAACxjwv8YQUAAADrSURBVHgBxZDNDYJAEIV3I5BwtAOxAyBAwk0rUCswVqAt2IEdaAd
qBeqJhF870BI48+t7iRouHo2TvOxk5ps3A0L8OuQ7yfN8UNf1Wim16LrOfJVvVFVvmyAIHp+BKIosgOcX
cETOV2BwBK2QDtq2nfu+f1NwNglLKbeu6040TTsBmlFIWV5Qs9HbkwnD0JRJktD5gcaSw3A6A+b6ArJg
YCOKNE13PFVxNW/k2zSNhaLgJmgOZ9am7GEDmUL2/0Acx2NABxjYhmEQzgHOHMe5vhnVH/A878J
7dV2/A74jP/bhr8FvybJsKP4ST5cvd6Jdk9MJAAAAAEIFTkSuQmCC")}.pa_targ
.pa_condition_icon{background-image:url("
wAAAAMCAYAAABWdVznAAAACXBIWXMAAAAsTAAALEwEAmpwYAAAAAXNSR0IArs4c6QAAA
ZQB3d3cuaW5rc2NhcGUub3Jnm+48GgAAARpJREFUKJF1jzFKA1EQhr+ZtwewsRDFC3gCSSFY6BUCS
TzBew+jKa0FQRd2wzZ2FjaidjZBEMTGSq8QvIPd27EwK5vFTDfz//PflCiYowfiYS97lxXGUQkqOqd936
/Pc8AxuPxZkopBw6ANQAz+01UvQU2/gwhhK2U0ruIVM65SZ7nXwDe+55z7rGu69HixVcRGWbApYhU
RVGcL/2qeg0Mp9Pp8+LiE3CVichhSumky1CW5U67TyndZF12pgvAlfBNOecSIARmGEEjeO97McbPrkFVj4
BZZmanInIPXDSgwLBZDCGsi8jIzCaquivtLbjjHNjuhH+b2ayu6+OqquZZWxGRAfBgZv2yLF/+Y1mCLYri
zcz6QLUK/gcay2Kj1EE/gwAAAABJRU5ErkJggg==")}.b_dark .pa_targ
.pa_condition_icon{background-image:url("
wAAAAOCAYAAABv3sAAAACXBIWXMAAAAsTAAALEwEAmpwYAAAAAXNSR0IArs4c6QAAA
RnQU1BAACxjwv8YQUAAADwSURBVHgBrVHbDYJAEOR4/GMH2IEXCAI2IFUoCVoBcYKKEE70D
8SAjk6kBL85+VMAgYukS82gWV3Z4e5OcNYK/I8V1mW7fS++W+h67rYNM27vmTzpZTy2rZN8MmhO
2PEEtL2Vw9gJYR4WZa1DYJA8MEfJHoV8n6Q+EzT1LMBvqI++75/05gTzPZhGJasSeg4TiKw2YN5I6X8
GAsBJS4I3jz0IiAlIwslD7HDl2hpTqyaZoD0sOGnHhw6EIw6ju1T6UAFmIZjnVdSzFlKYri3fe9p5FTcglwH
EVRZU8nZKbvtHJ0R4/ZTRNEMC011oovCux/EdBOneMAAAAASUVORK5CYII=")}).pa_targ
.rms_img,.pa_targ_text{vertical-align:top}.pa_hov_border
.pa_targ_longtext{font-size:12px;line-height:14px}.pa_img_slidec{max-width:100%}.pa_img_slides{display:
flex;position:relative;transition:left
.3s;left:0}.pa_img_slide{display:flex;justify-content:center;flex-shrink:0;flex-grow:0}.pa_img_slidec
.pa_img_slides .pa_img_slide img{margin-left:0;margin-right:0;transform:none}.b_slideexp
.b_hoverFading{background:linear-gradient(90deg,rgba(255,255,255,.4) 0%,#fff
80%);position:absolute;top:0;right:-40px;width:40px;height:100%}.b_dark .b_slideexp
.b_hoverFading{background:linear-gradient(90deg,rgba(27,26,25,.4) 0%,#fff
80%)}).b_slideexp.hoverFading:hover .b_overlay>div:nth-child(3){width:calc(100%
+40px)}#slideexp4_C75F3D .slide { width: 140px; margin-right: 16px; }#slideexp4_C75F3Dc .b_slidebar
.slide { border-radius: 6px; }#slideexp4_C75F3D .slide:last-child { margin-right: 1px; }#slideexp4_C75F3Dc
{ margin: -4px; } #slideexp4_C75F3Dc .b_viewport { padding: 4px 1px 4px 1px; margin: 0 3px; }
```

```
#slideexp4_C75F3Dc .b_sidebar .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); } #slideexp4_C75F3Dc .b_sidebar .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); } #slideexp4_C75F3Dc .b_sidebar .slide.see_more .carousel_seemore { border: 0px; } #slideexp4_C75F3Dc .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); }Sponsored
```

When we think of batteries, we often visualize a simple process of charging and discharging. However, in the commercial world, this process involves intricate stages designed to optimize ...

Before diving into the details of charging and discharging of a battery, it's important to understand oxidation and reduction. Battery charge and discharge through these chemical ...

To protect the battery from over-discharging, most devices prevent operation beyond the specified end-of-discharge voltage. When removing the load after discharge, the ...

A battery pack, such as a power bank, charges from an external power supply like a wall socket. It stores energy in chemical form. When needed, it sends electrical energy ...

Explain Charging and Discharging of Lithium-Ion Battery. Lithium-ion batteries power everything from smartphones to electric cars. But improper charging and discharging ...

We searched for power banks with enough wattage to ensure the fastest possible charging and recharging speeds. We sought out power banks weighing 8 ounces (half a ...

I've been using portable chargers for over a decade. And in this guide, as a professional lithium battery pack manufacturer, I'll show you EXACTLY how to charge any type ...

Discharging is the process where stored chemical energy converts to electrical energy, powering your devices. Unlike simple power drainage, this involves complex ...

Understanding these processes is crucial to grasping how EVs efficiently store and use electrical energy. This article will explore the intricate workings of the charging and ...

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

