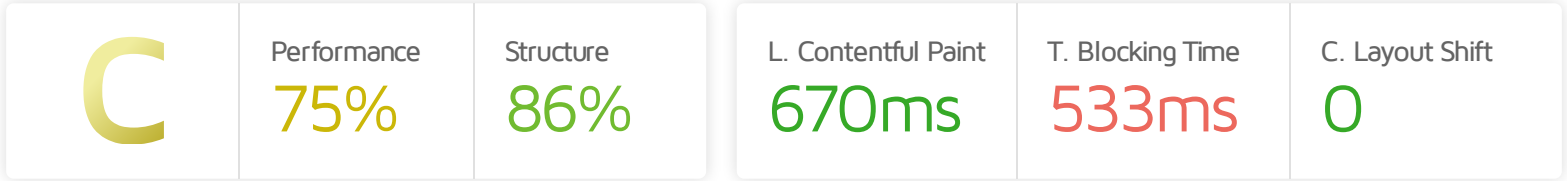## Performance Report for:

https://shop.tesla.com/category/charging

Report generated: Thu, Sep 5, 2024 9:43 PM -0700
Test Server Location: 🇨🇦 Vancouver, Canada
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

| C | Performance **75%** | Structure **86%** | | L. Contentful Paint **670ms** | T. Blocking Time **533ms** | C. Layout Shift **0** |

Top Issues

Med	**Avoid enormous network payloads** LCP	Total size was 3.75MB
Med	**Use explicit width and height on image elements** CLS	18 images found
Med-Low	**Avoid an excessive DOM size** TBT	1,452 elements
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 281KB
Med-Low	**Use a Content Delivery Network (CDN)**	33 resources found

Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

Page Details

6.4s
Fully Loaded Time

Total Page Size – 3.72MB

| IMG 1.75MB | JS 1.62MB | Font 189KB | |

Total Page Requests – 65

| IMG 52.3% | Other 21.5% | JS 13.8% | Font 7.7% | CSS 3.1% |

🟪 HTML 🟦 JS 🟦 CSS 🟦 IMG ⬛ Video 🟪 Font ⬜ Other

How does this affect me?

Modern web users have a short attention span and expect a fast and seamless website experience. Delivering that fast experience can result in more traffic, more conversions, and more happiness.

As if you didn't need more incentive, **Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.**
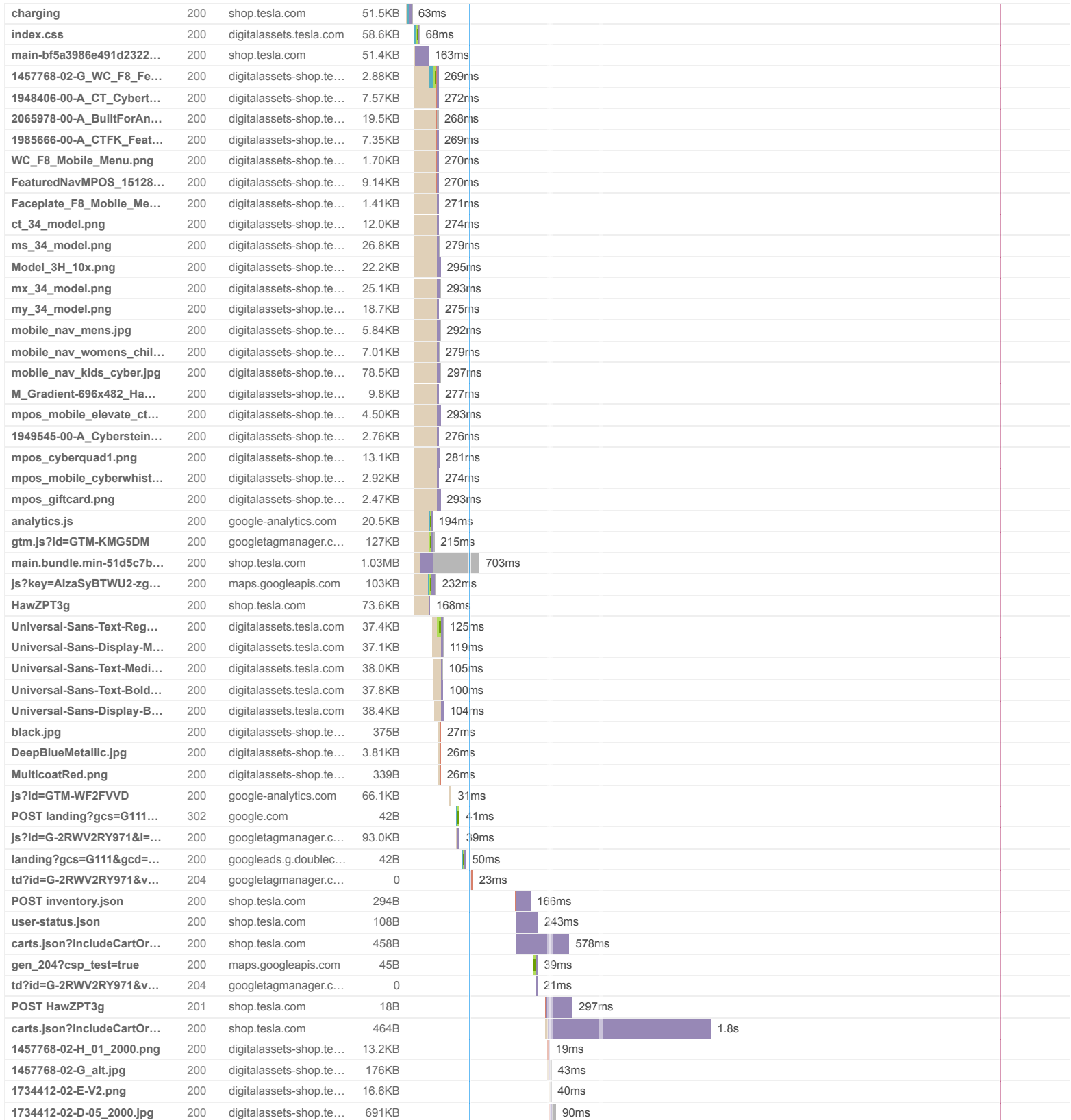
About GTmetrix

GTmetrix

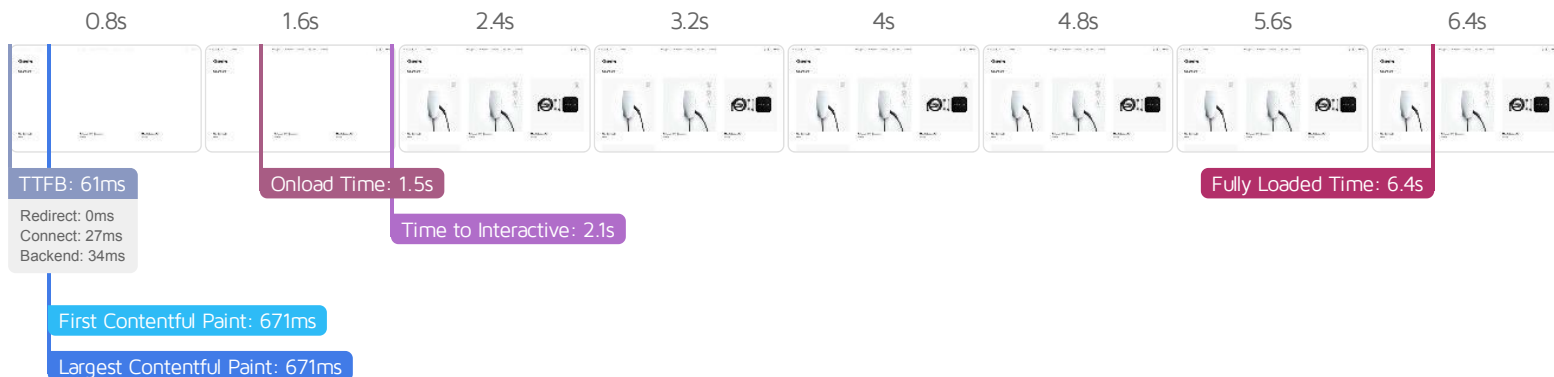GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

Learn more about us.

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Tesla | Charging

Resource	Status	Domain	Size	Time
charging	200	shop.tesla.com	51.5KB	63ms
index.css	200	digitalassets.tesla.com	58.6KB	68ms
main-bf5a3986e491d2322…	200	shop.tesla.com	51.4KB	163ms
1457768-02-G_WC_F8_Fe…	200	digitalassets-shop.te…	2.88KB	269ms
1948406-00-A_CT_Cybert…	200	digitalassets-shop.te…	7.57KB	272ms
2065978-00-A_BuiltForAn…	200	digitalassets-shop.te…	19.5KB	268ms
1985666-00-A_CTFK_Feat…	200	digitalassets-shop.te…	7.35KB	269ms
WC_F8_Mobile_Menu.png	200	digitalassets-shop.te…	1.70KB	270ms
FeaturedNavMPOS_15128…	200	digitalassets-shop.te…	9.14KB	270ms
Faceplate_F8_Mobile_Me…	200	digitalassets-shop.te…	1.41KB	271ms
ct_34_model.png	200	digitalassets-shop.te…	12.0KB	274ms
ms_34_model.png	200	digitalassets-shop.te…	26.8KB	279ms
Model_3H_10x.png	200	digitalassets-shop.te…	22.2KB	295ms
mx_34_model.png	200	digitalassets-shop.te…	25.1KB	293ms
my_34_model.png	200	digitalassets-shop.te…	18.7KB	275ms
mobile_nav_mens.jpg	200	digitalassets-shop.te…	5.84KB	292ms
mobile_nav_womens_chil…	200	digitalassets-shop.te…	7.01KB	279ms
mobile_nav_kids_cyber.jpg	200	digitalassets-shop.te…	78.5KB	297ms
M_Gradient-696x482_Ha…	200	digitalassets-shop.te…	9.8KB	277ms
mpos_mobile_elevate_ct…	200	digitalassets-shop.te…	4.50KB	293ms
1949545-00-A_Cyberstein…	200	digitalassets-shop.te…	2.76KB	276ms
mpos_cyberquad1.png	200	digitalassets-shop.te…	13.1KB	281ms
mpos_mobile_cyberwhist…	200	digitalassets-shop.te…	2.92KB	274ms
mpos_giftcard.png	200	digitalassets-shop.te…	2.47KB	293ms
analytics.js	200	google-analytics.com	20.5KB	194ms
gtm.js?id=GTM-KMG5DM	200	googletagmanager.c…	127KB	215ms
main.bundle.min-51d5c7b…	200	shop.tesla.com	1.03MB	703ms
js?key=AlzaSyBTWU2-zg…	200	maps.googleapis.com	103KB	232ms
HawZPT3g	200	shop.tesla.com	73.6KB	168ms
Universal-Sans-Text-Reg…	200	digitalassets.tesla.com	37.4KB	125ms
Universal-Sans-Display-M…	200	digitalassets.tesla.com	37.1KB	119ms
Universal-Sans-Text-Medi…	200	digitalassets.tesla.com	38.0KB	105ms
Universal-Sans-Text-Bold…	200	digitalassets.tesla.com	37.8KB	100ms
Universal-Sans-Display-B…	200	digitalassets.tesla.com	38.4KB	104ms
black.jpg	200	digitalassets-shop.te…	375B	27ms
DeepBlueMetallic.jpg	200	digitalassets-shop.te…	3.81KB	26ms
MulticoatRed.png	200	digitalassets-shop.te…	339B	26ms
js?id=GTM-WF2FVVD	200	google-analytics.com	66.1KB	31ms
POST landing?gcs=G111…	302	google.com	42B	41ms
js?id=G-2RWV2RY971&l=…	200	googletagmanager.c…	93.0KB	39ms
landing?gcs=G111&gcd=…	200	googleads.g.doublec…	42B	50ms
td?id=G-2RWV2RY971&v…	204	googletagmanager.c…	0	23ms
POST inventory.json	200	shop.tesla.com	294B	166ms
user-status.json	200	shop.tesla.com	108B	243ms
carts.json?includeCartOr…	200	shop.tesla.com	458B	578ms
gen_204?csp_test=true	200	maps.googleapis.com	45B	39ms
td?id=G-2RWV2RY971&v…	204	googletagmanager.c…	0	21ms
POST HawZPT3g	201	shop.tesla.com	18B	297ms
carts.json?includeCartOr…	200	shop.tesla.com	464B	1.8s
1457768-02-H_01_2000.png	200	digitalassets-shop.te…	13.2KB	19ms
1457768-02-G_alt.jpg	200	digitalassets-shop.te…	176KB	43ms
1734412-02-E-V2.png	200	digitalassets-shop.te…	16.6KB	40ms
1734412-02-D-05_2000.jpg	200	digitalassets-shop.te…	691KB	90ms

1763817-00-A-02-01.png	200	digitalassets-shop.te…	27.6KB		66ms	
1763817-00-A_4_2000.jpg	200	digitalassets-shop.te…	272KB		52ms	
Tesla_Gateway3_HPWC_…	200	digitalassets-shop.te…	10.3KB		51ms	
V2H_06_GW3_MeterMain…	200	digitalassets-shop.te…	301KB		75ms	
favicon-32x32.png	200	shop.tesla.com	724B		151ms	
favicon-16x16.png	200	shop.tesla.com	366B		148ms	
favicon-96x96.png	200	shop.tesla.com	2.15KB		175ms	
favicon-160x160.png	200	shop.tesla.com	3.39KB		145ms	
favicon-196x196.png	200	shop.tesla.com	4.35KB		153ms	
favicon.ico	200	shop.tesla.com	957B		147ms	
common.js	200	maps.googleapis.com	63.6KB			14ms
util.js	200	maps.googleapis.com	54.8KB			14ms

65 Requests	**3.72MB (10.4MB Uncompressed)**	**Fully Loaded 6.4s (Onload 1.5s)**

1763817-00-A-02-01.png	200	digitalassets-shop.te…	27.6KB		66ms	
1763817-00-A_4_2000.jpg	200	digitalassets-shop.te…	272KB		52ms	
Tesla_Gateway3_HPWC_…	200	digitalassets-shop.te…	10.3KB		51ms	
V2H_06_GW3_MeterMain…	200	digitalassets-shop.te…	301KB		75ms	
favicon-32x32.png	200	shop.tesla.com	724B		151ms	

0.8s   1.6s   2.4s   3.2s   4s   4.8s   5.6s   6.4s

TTFB: 61ms

Redirect: 0ms
Connect: 27ms
Backend: 34ms

Onload Time: 1.5s

Time to Interactive: 2.1s

Fully Loaded Time: 6.4s

First Contentful Paint: 671ms

Largest Contentful Paint: 671ms

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Good - Nothing to do here

670ms

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Good - Nothing to do here

2.1s

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Longer than recommended

1.7s

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Much longer than recommended

533ms

Largest Contentful Paint

How long it takes for the largest element of content (i.e., a hero image) to be painted on your page. A good user experience is 1.2s or less.

Good - Nothing to do here

670ms

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Good - Nothing to do here

0

Browser Timings

Redirect	0ms	Connect	27ms	Backend	34ms
TTFB	61ms	First Paint	671ms	DOM Int.	1.5s
DOM Loaded	1.5s	Onload	1.5s	Fully Loaded	6.4s

IMPACT	AUDIT	
Med	Avoid enormous network payloads `LCP`	Total size was 3.75MB
Med	Use explicit width and height on image elements `CLS`	18 images found
Med-Low	Avoid an excessive DOM size `TBT`	1,452 elements
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 281KB
Med-Low	Use a Content Delivery Network (CDN)	33 resources found
Low	Avoid long main-thread tasks `TBT`	9 long tasks found
Low	Reduce JavaScript execution time `TBT`	885ms spent executing JavaScript
Low	Eliminate render-blocking resources `FCP` `LCP`	Potential savings of 30ms
Low	Properly size images	Potential savings of 1.43MB
Low	Minify CSS `FCP` `LCP`	Potential savings of 12.2KB
Low	Defer offscreen images	Potential savings of 278KB
Low	Reduce unused CSS `FCP` `LCP`	Potential savings of 104KB
Low	Reduce unused JavaScript `LCP`	Potential savings of 659KB
Low	Serve images in next-gen formats	Potential savings of 12.9KB
Low	Avoid non-composited animations `CLS`	1 animated element found
Low	Avoid chaining critical requests `FCP` `LCP`	9 chains found
N/A	Avoid serving legacy JavaScript to modern browsers `TBT`	Potential savings of 5.91KB
N/A	Reduce initial server response time `FCP` `LCP`	Root document took 33ms
N/A	Minimize main-thread work `TBT`	Main-thread busy for 1.8s
N/A	Largest Contentful Paint element `LCP`	670 ms
N/A	Reduce the impact of third-party code `TBT`	Third-party code blocked the main thread for 11ms
N/A	User Timing marks and measures	
N/A	Avoid large layout shifts `CLS`	