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# Cart-Power: Live search 3.12-3.13

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# 1. Overview

The fastest and the most feature-rich search for your online store.

The Live Search add-on is a free-of-a-monthly-fee alternative to cloud search services.

A clustering caching system provides maximum search speed in stores with a large number of products.

The search history will help to analyze the search activity in your store, add suggestions and recommendations displayed in the search results, and get rid of the zero search results.

The customizable look and feel of the Live Search will make the search simple and convenient, and your clients will see only relevant search results thanks to the fine search conditions tuning.

The search does not overload the server, the request is sent to the server only after the user has finished entering the search query and entered the minimum number of characters specified in the add-on settings.

# 1.1 Support

The add-on was developed by Cart-Power, a CS-Cart official partner and developer. If you need any assistance in installing and configuring the add-on or need its modification, please contact us through the <u>helpdesk</u> customer support system.

# 1.2 Compatibility

The functionality described in the document works for CS-Cart versions **4.3.6** and higher.

# 1.3 Buy Now

The official add-on page:

https://store.cart-power.com/cs-cart-live-search-add-on.html

# 1.4 Release History

CS-Cart/Multi-Vendor 4.3.6 - 4.17.2

### **Version 3.13 from 27 Nov 2023** (<u>Docs</u>)

- [\*] The add-on was adapted for Unitheme mobile search.
- [\*] Small changes made to the styles for compatibility with Unitheme.
- [!] Search by description did not exclude html tags. Behavior fixed when using cache.
- [!] A PHP error occurred when displaying a category on a product with the selected color. Fixed.
- [!] An error occurred when search acceleration and sorting by price were enabled. Fixed.
- [!] Multi-Vendor Ultimate: Categories from other storefronts were displayed in the search results. Fixed.
- [!] CS-Cart Ultimate: The price for the shared product was displayed incorrectly. Fixed
- [!] There were problems installing/uninstalling the add-on from earlier versions. Fixed.



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### **Version 3.12 from 21 Sep 2023** (<u>Docs</u>)

- [+] Automatic generation of search words from the product name if it contains certain characters was added.
- [+] The ability to search through SEO filter pages was added.
- [+] The search query history display for authorized users by clicking on the search field was added.
- [+] The ability to use search words for categories was added.
- [+] The ability to show category images instead of text was added.
- [+] The ability to automatically delete search requests older than N days from the search history was added.
- [+] The ability to hide a category from the list of found categories was added.
- [\*] Synonyms now work for search by category.
- [\*] The "Home" and "End" keys in the search line move the cursor to the beginning and end of the line, respectively.
- [\*] The add-on was adapted for Unitheme mobile search.
- [\*] Minor style edits for compatibility with Unitheme.
- [!] The counter for the number of found products in the category filter worked incorrectly. Fixed.
- [!] When receiving a filter for a category, there were duplicated requests. Fixed.
- [!] If there were 2 search forms on the page, the search motivation worked only on the first one. Fixed.
- [!] In some cases, stop words were processed incorrectly. Fixed.
- [!] Products from hidden categories were not included in the search cache. Fixed.
- [!] When adding an item to the cart from the live search window, the delete item button was hidden in the cart. Fixed.
- [!] A database error occurred when generating the index; as a result, not all data was written to the database. Fixed.
- [!] There were issues caching product data on the additional storefronts. Fixed.
- [!] Grouping by category did not work if several categories had the same priority and were sorted by priority. Fixed.
- [!] The search gave different results in the live search window and on the search results page when search acceleration was enabled. Fixed.

### **Version 3.11 from 09 Jun 2022** (<u>Docs</u>)

- [\*] Pressing the Enter button right after entering the search request will redirect to the all search results page.
- [!] When the search acceleration is enabled, the search by part of the product code did not return any result. Fixed.
- [!] Responsive theme: The second line of the long product name was cut off. Fixed.
- [!] The price was not displayed for out of stock products. Fixed.
- [!] Search by variation code did not return any result for variations without separate product position. Fixed.

### **Version 3.10 from 06 May 2022 (Docs)**

[!] - Keyboard navigation worked incorrectly. Fixed.



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### **Version 3.9 from 22 Apr 2022** (<u>Docs</u>)

[!] - After the upgrade to add-on version 3.8, the search did not work with the "Use cache" setting enabled. Fixed.

### **Version 3.8 from 19 Apr 2022** (<u>Docs</u>)

- [+] The ability to show a product in the recommended block, if the request completely matches the SKU was added.
- [+] The ability to set priorities of the categories in the search results and sort the search results grouped by category by priority or alphabetically was added.
- [+] The ability to display product categories in a special block on the default search results page was added.
- [+] The ability to quickly clear the search input field was added.
- [+] Search motivation: The ability to adjust animation speed was added.
- [+] The ability to add a placeholder for the search string was added.
- [+] The ability to filter the search results by categories was added.
- [+] The navigation through the search results from the keyboard was added.
- [+] The smart sorting of search results was added.
- [+] The ability to display out of stock products at the end of the list was added.
- [+] The search history for authorized users was added.
- [+] The ability to set the priority for the search keywords was added.
- [+] Multi-Vendor: Vendors can now suggest synonyms.
- [+] The ability to search for products by tags was added.
- [\*] If there is a synonym in the query, the search will be performed both by the synonym and by the search value.
- [\*] The logic of the work with the Yandex. Speller was improved.
- [!] Search by page title did not work. Fixed.
- [!] Colors in the styling section did not change on the latest versions of CS-Cart. Fixed.
- [!] In stores with large product databases, there were issues with generating the cache tables. Fixed.
- [-] The ability to remove field priorities is no longer available.

#### **Version 3.7 from 29 Jul 2021 (Docs)**

[!] - Starting from the add-on version 3.5 setting for limiting the number of categories to show in the search results did not work correctly. Fixed.

#### Version 3.6 from 28 Jul 2021 (Docs)

- [+] The ability to search by partial synonym match (at the beginning) was added.
- [\*] Multi-Vendor Ultimate: Add-on can be configured separately for each storefront.
- [!] CS-Cart Ultimate: import of synonyms did not work. Fixed.
- [!] There were issues with the layout on the VIVAshop theme. Fixed.
- [!] Search by article was enabled regardless of the "Search by product code" setting. Fixed.

### **Version 3.5 from 26 Jul 2021** (<u>Docs</u>)

- [!] The "export" button was duplicated on the export search phrases page. Fixed.
- [!] Vendor information was not displayed in the search results. Fixed.



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[!] - On the vendor's page common products were not displayed in the search results if the "Display common products separately by vendor" setting was enabled. Fixed.

### Version 3.4 from 24 Mar 2021 (Docs)

- [+] The synonyms feature was added. Now you can set synonyms for a specific word. If the search query matches I of the synonyms, the product will be included in the search results.
- [+] The export of the search history was added.
- [+] The export / import of search phrases and synonyms was added.
- [+] The ability to ignore certain characters when entering a search phrase was added.
- [+] The ability to sort by the number of queries in the "Grouped phrases" section in the search history was added.
- [+] The ability to sort by the number of clicks on products in the section "Product clicks" in the search history was added.
- [+] The ability to include blog articles matching the query in search results was added.
- [+] When the search results are grouped by category, you can go to the category page by clicking on the category name.
- [+] For Product variations built by features with the purpose "Variations as one product", a preview button will be shown, similar to the products with options.
- [+] Multi-Vendor: The ability to show common vendor products as separate products in live and regular search was added.
- [\*] Mobile devices: The "Select options" button is hidden for products with options.
- [\*] The scroll width has been slightly increased.
- [!] An error appeared on the promotions page in the administration panel. Fixed.
- [!] An error appeared when entering a backslash into a search query. Fixed.
- [!] For products that are out of stock, the "Add to cart" button was displayed. Fixed.
- [!] The titles of the blocks on the search results page could be displayed incorrectly. Fixed.
- [!] It was impossible to add a feature to the search with the purpose "Additional information". Fixed.

### **Version 3.3 from 19 Mar 2020**

- [+] The ability to stylize the buttons "Load more" and "View all" added.
- [+] In the vendors block (Design->Layouts), the filling "CP: By search phrase" was added, which filters vendors by search phrase on the search page.
- [!] The vendor names from other storefronts displayed in the suggestions (Multi-Vendor Ultimate). Fixed.
- [!] The search results displayed incorrectly if there were several search forms on the page. Fixed.

#### **Version 3.2 from 04 Dec 2019**

- [!] improved search for variations when using the cache (for stores from version 4.10 and higher)
- [!] fixed input of search phrases
- [!] fixed sorting by popularity
- [+] added compatibility with Add-ons manager v1.3

For the add-on to work correctly, it is necessary to update the Add-ons manager to version  $\lor$ 1.3 or higher.



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- [+] added the conclusion of vendors in live search (Multi-Vendor)
- [+] added search for all words (strictly by fields)
- [+] added tips from the search history when adding search phrases
- [+] on the search page, the header now indicates what word the query was for
- [\*] "view all" and "load more" buttons are fixed at the bottom of the live search
- [!] fixed search by vendor

### Version 3.0 from 16 Sep 2019 (Docs)

- [+] added buttons "To wishlist" and "To comparison list"
- [+] added the page for managing the colors of the main elements of the live search
- [+] added search motivation
- [+] added ability to enable/disable search history recording
- [+] added the ability to search by vendor (Multivendor)
- [+] added the ability to display brands when searching
- [+] added the ability to set recommended products and suggestions for a set of phrases
- [+] added the ability to suggestions for certain features
- [+] added ability to delete cache table
- [\*] redesigned appearance of live search
- [\*] redesigned search history (3 sections)
- [\*] the cache generation mechanism has been improved
- [!] the search is no longer carried out when the focus is lost
- [-] removed suggestions for all features and categories

### **Version 2.1 from 17 Jul 2014** (<u>Docs</u>)

- [\*] improved the search algorithm
- [\*] search history improved



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# 2. Add-on Management

### 2.1 Add-on Installation

To simplify the installation, configuration and upgrade of our add-ons, we have developed a special service add-on: **Cart-Power Add-ons Manager**. <u>Download the Cart-Power: Add-ons Manager</u> and follow the <u>installation instructions</u>.

Once you install it, you will be able to:

- 1. <u>Check the List of the Add-ons Purchased for Your Domain</u>
- 2. Install Add-ons
- 3. Turn on/off Add-ons
- 4. Find the Add-on Docs
- 5. Set up Add-ons
- 6. <u>Upgrade Add-ons</u>
  - a. Via Add-on Manager
  - b. Via the Upgrade Center
  - c. Manual Upgrade (Add-on Reinstallation).
- 7. Find out Add-on Version Information
- 8. Check the Status of the Upgrade Subscription

If you have any issues installing or activating the add-on, please contact us: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>



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## 2.2 How It Works

Live search add-on can run in two modes: **with the use of the cache** and **without it**. In any mode, the search is faster than the default one.

### The Main Differences:

No-cache	Cache is used (recommended)
The request is sent to the product database of	A separate cache table is generated for each
the store. It takes more time to process it.	language used on the storefront. The table
	contains information about the products for the
It works faster than the standard search thanks to	Live search. As a result, the number of rows in
the settings that allow you to disable the search	each table reduces.
for a short and full description field of the	The add-on will check the storefront language
product.	and will search through one single table instead
	of all tables of the database. It takes less time to
	process such a request, so the search works fast.

Depending on the settings, the search is possible by:

- Full description;
- Short description;
- Product name;
- Search words;
- Stop words;
- Synonyms;
- Meta data;
- Product code;
- Categories;
- Subcategories.

- Features;
- Options;
- + All the data from the **No cache** column

Separate "sort by" setting for the search results.

**No.** Setting from the standard CS-Cart search is used

**Yes.** You can sort by price, alphabet, relevance, popularity, or time the product was created.

**Live Search** does not replace the standard search but extends it. The standard search is triggered by clicking the **Search button** or **Enter**.

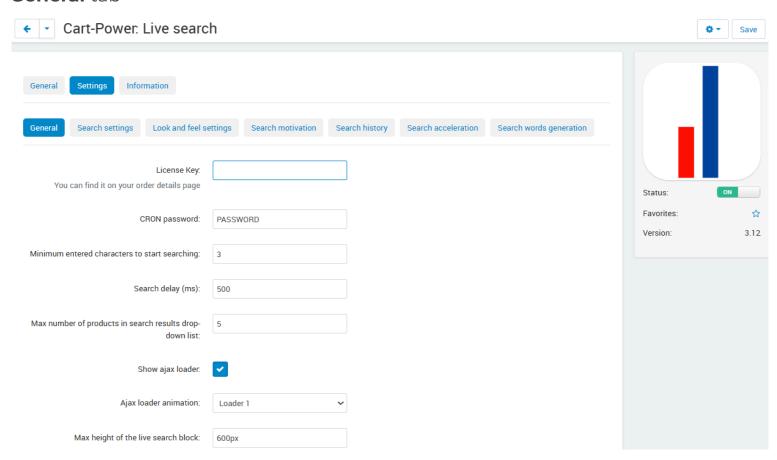


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# 3. General Settings

### Go to Add-ons > Manage add-ons > Cart-Power: Live search > Settings:

#### **General** tab



- License key license number from the order details page on store.cart-power.com
- CRON password password for the CRON command. Used to rebuild cache on a schedule.
- **Minimum entered characters to start searching** the search will not start until the user enters the specified number of characters in the search form.
- **Search delay (ms)** this setting gives your client time to type in a search phrase. The search will not start until the client makes a pause equal to the value in this field.
- Max number of products in search results drop-down list search results may contain products, brands, categories. This setting limits the number of products in the drop-down list.
- Show ajax loader enables animation while the search result is formed.
- Ajax loader animation please choose one of the 5 animation options:

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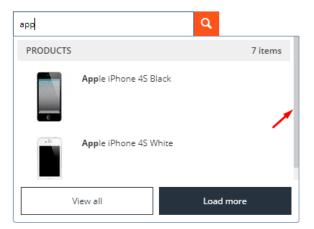








• Max height of the live search block - if the search results do not fit in the block of the specified height, a vertical scroll bar will appear.





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# Search Settings tab

General Search settings	Look and feel settings	Search motivation	Search history	Search acceleration	Search words generation
General settings ▼					
Sear	rch algorithm: All wo	ords	~		
All words - all words of the query n	nust be in the				
product data (in ar					
All words (strictly by fields) - all					
query must be in one searched fiel					
	ache is used);				
Any word - at least one word n					
Exact phrase - the words must be in	product data;				
order only in the					
,,					
	Spell check: None		~		
Suggest corrected words if no pro					
and there are no search phrases set	for the query.				
Max num	ber of words: 5				
e	earch in tags:				
5	earch in tags.				
Search in shor	rt description:				
Search in short description decrea	ases speed of				
	search				
Search in fu	Il description:				
Search in full description decrea	ases speed of				
•	search				
Search	in metadata:				
Scarcii	in includata.				
	_				
Search by I	product code:				
Search b	oy categories: None		~		
Onesh have a deep ()	tulei Manda A				
Search by vendors (N	wuiti-vendor):				
Display common products separat	tely by yendor				
	Multi-Vendor):				
(					
Ignored symbols wh					
Write the characters through the					
should be ignored when ente					
	phrase.				



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Search by partial match of a synonym (at the beginning):  Search in short description decreases speed of search. By default, searches using synonyms are based on an exact match.		
Cache settings 🕶		
Use cache: Works only if the cache is generated. Please rebuild the cache on the following page: Cart- Power. Add-ons > Live search > Data caching.		
Ignored characters in the product name: Write the characters through the space, which must be ignored when searching in the product name. To apply the changes you need to rebuild the cache. Works only when cache is used		
Sort search results by: Works only when cache is used	Popularity	
Search in features: You must check the corresponding checkbox in the settings of the feature. To apply the changes you need to rebuild the cache. Works only when cache is used.		
Search in options: Works only when cache is used		

## **General settings**

To generate a cache, follow the link.

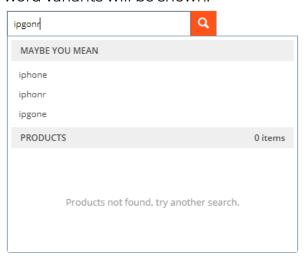
- **Search algorithm** determines the degree to which the search query matches the <u>product information</u>. Available options:
  - All words all words (characters) of the query must be in the product data (in any sequence);
  - All words (strictly by fields) all words of the query must be in one searched field (works only when cache is used);
  - o Any word at least one word (symbol) must be in the product data;
  - Exact phrase the words (symbols) must be in the specified order in one searched field of the product data.

The setting does not work if the search results are sorted by Fields weight.



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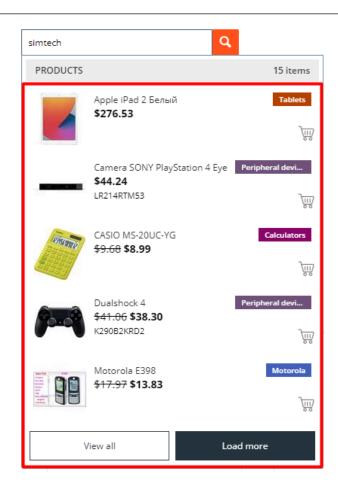
• **Spell check** - connects to the Yandex.Speller service to check spelling in the search queries. If the search returns no results and the search phrases for the query are not set, the corrected word variants will be shown.



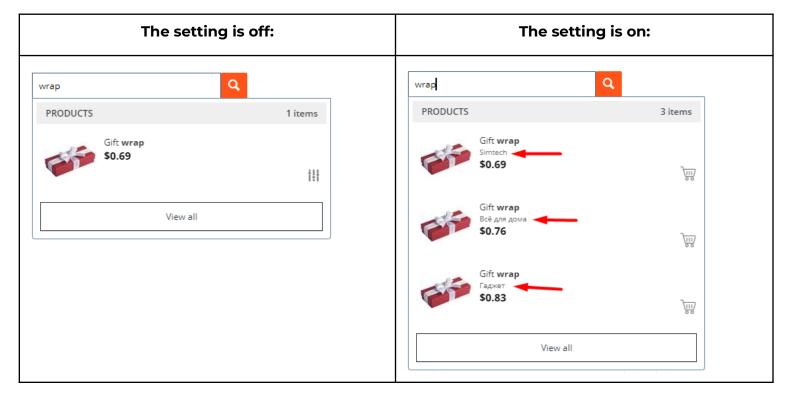
- **Max number of words** determines the maximum number of corrected words displayed in the live search window.
- **Search in tags** enables searching for a product by its tags (the tag is entered without additional characters).
- **Search in short description** enables the search in the *Short description* field. It is recommended to turn it off to speed up the search.
- **Search in full description** enables the search in the *Full description* field. It is recommended to turn it off to speed up the search.
- Search in metadata enables search in Meta description and Meta keywords fields.
- **Search by product code** enables search by the *Product code* field.
- Search by categories:
  - Products from the category only if the search query matches the Category name, the search results will include products from this category.
  - o Include products from the subcategories if the search query matches the Category name, the search results will include products from this category and its subcategories.
- **Search by vendors (Multi-Vendor)** enables search by the *Vendor name* field (setting available in CS-Cart Multi-Vendor edition).



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• Display common products separately by vendor (Multi-Vendor) - works when the Common Products for Vendors add-on is installed in the CS-Cart Multi-Vendor edition.





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- **Ignored symbols when searching** write the characters through the space, which should be ignored when entering a search phrase.
- Search by partial match of a synonym (at the beginning) allows you to search by the first part of a synonym, does not require entering the whole synonym. By default, to search by synonym the exact match is required.

# **Cache settings**

• **Use cache** - enables the use of a cache (more details <u>here</u>).

Be sure to rebuild the cache after enabling this setting!

Further settings in this section work only if the **Use cache** setting is enabled.

• **Ignored characters in the product name** - add space separated characters that should be ignored when searching in the product name.

### Be sure to rebuild the cache after making changes!

- Sort search results by sorting of the Live Search results. Available options:
  - Popularity popular above;
  - o Fields weight the results will be sorted by relevance;
  - Newest first by the creation date;
  - o Price Low to High cheap higher;
  - o Price High to Low expensive higher;
  - o Product name in the alphabetical order A-Z.
- **Search in features** enables search in the *Feature* variants names. Enable the corresponding checkmark in the Feature settings:



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Website: <a href="mailto:cart-power.com">cart-power.com</a>
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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

# Color Status: \* Show on the Features tab If enabled, the product feature is displayed on the product details page in the storefront Show in product list Show this feature on product list pages along with product description. Show in header on the product details page Prefix An affix that precedes the product feature. Suffix An affix that follows the product feature. Use in Live Search Yandex.Market unit Exclude from Yandex.Market price

Be sure to <u>rebuild the cache</u> after making changes!

Search in options - enables search in the Option variants names.

You can follow the special link at the end of the settings list to generate a cache.



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# Look and Feel Settings tab

General Search settings Look and feel s	Search motivation	Search history	Search acceleration	Search words generation
Product thumbnails:	<b>▽</b>			
Image width:	70			
Image height:	70			
Show product code:	<b>~</b>			
Show product price:	<b>✓</b>			
Show old price:	<b>~</b>			
Show "Add to cart" button:	<b>~</b>			
Show "Add to wishlist" button:				
Show "Add to comparison list" button:				
Product result sorting: Products with a greater number of clicks on the entered query will rank higher				
Move out of stock products to the end of the list:				
Show product category.	Do not show	~		
Assign colors for categories:	Random	~		
Choose how to assign colors to category labels if the setting "For each product" was selected.				
Category colors:				
Add comma separated colors in Hex format which will be used to display categories. For example: #000,#ccc,#f8f8f8.				
Filter by categories 🔻				
Enable filter by categories:				
Number of categories to show "Load more"	8			

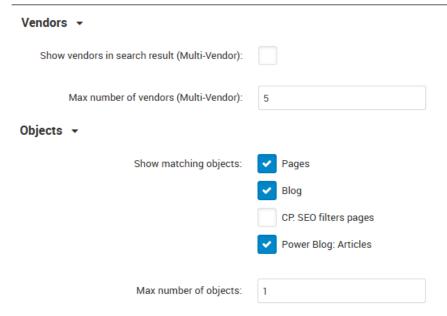


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Website: <a href="mailto:cart-power.com">cart-power.com</a>
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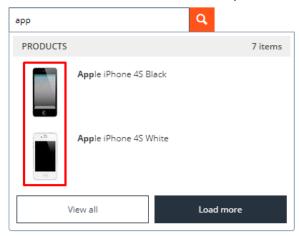
Suggestions ▼	
Show suggestions:	Do not show 🗸
Max number of suggestions:	5
Minimum number of characters for suggestions from the search history.	4
Minimum number of searches for suggestions from the search history:	10
Brands ▼	
Show brands:	
Brand feature:	None 🗸
Max number of brands:	5
Categories ▼	
Show categories in search result:	<b>~</b>
Show category paths:	<b>~</b>
Max number of categories:	5
Categories on search page 🔻	
Categories display type:	Name only
Max number of categories:	10
Featured products 🕶	
Show featured products:	
Max number of featured products:	5
Show the product when the request completely matches the product code:	



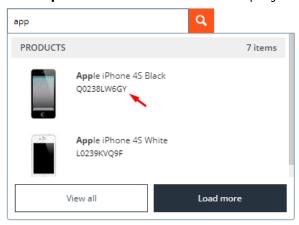
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
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• **Product thumbnails** - enables product images in the search results.



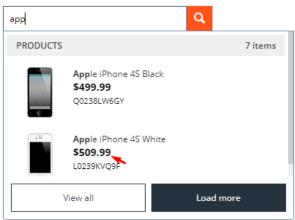
- Image width, image height the dimensions of the product image in the search results.
- Show product code enables display of product codes.



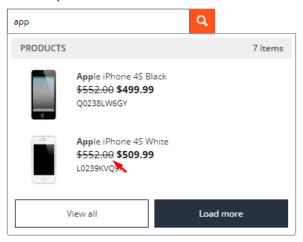


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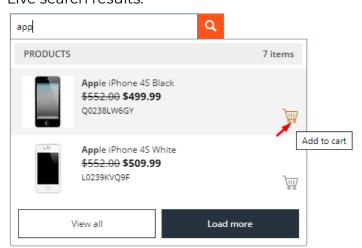
• Show product price - enables price in the search results.



• **Show old price** - enables showing 2 prices, if there is a promotion or a recommended price set for the product.



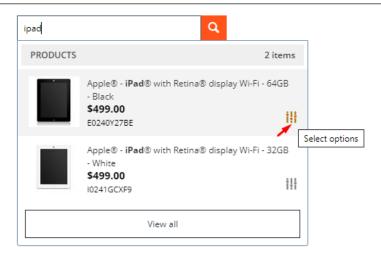
• **Show "Add to cart" button** - enables the "Add to cart" button to items without options in the Live search results.



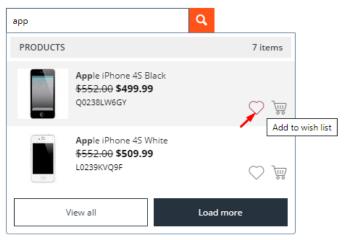
If there are options set for a product, a button opens the preview window to select options.



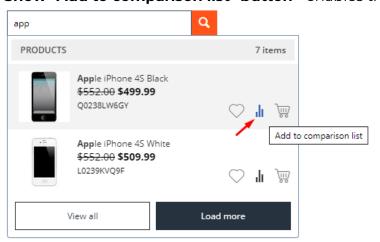
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:sales@cart-power.com">store: store.cart-power.com</a>



• Show "Add to wishlist" button - enables the button to add product to the wishlist.



• Show "Add to comparison list" button - enables the "Add to comparison list" button.



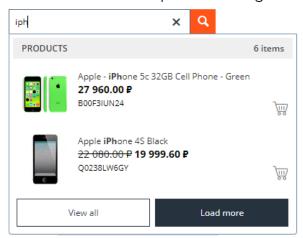
- **Product result sorting** products with a greater number of clicks on the entered query will rank higher.
- Move out of stock products to the end of the list items temporarily out of stock will be displayed at the end of the list.



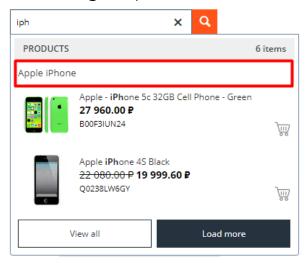
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
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• **Show product category** - enables displaying the information about the category to which the found product belongs. When grouping search results by category, you can go to the category page by clicking on the category name. There are several options:

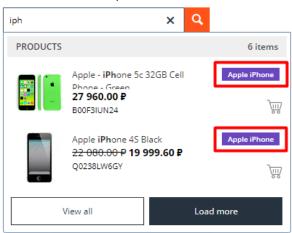
o Do not show - product categories will not be displayed in search results:



 Grouped (if this option is selected, then will appear the dependent setting Sort categories):



For each product

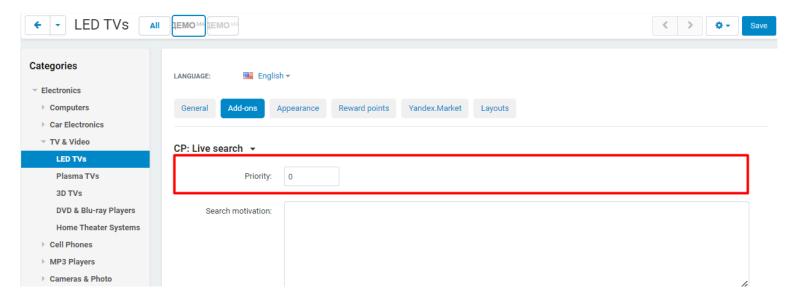




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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

- **Sort categories** (this setting appears if in the previous one is selected the *Grouped* option) select one of the options for sorting the categories displayed in the list of products in the search results:
  - Do not sort;
  - By alphabet;
  - o By priority.

The priority of category can be set in its settings, in the **Add-ons** tab:



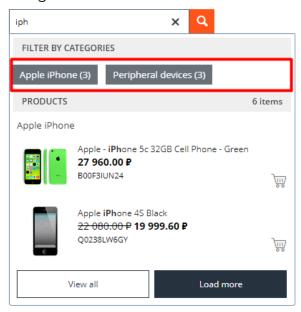
- **Assign colors for categories** responsible for the category color selection mode. There are 2 options:
  - o Random selects colors randomly.
  - Assigned takes the color from the next Category colors field.
- Category colors add colors separated by commas in HEX-format [# 000000]. Each category will be assigned one of the specified colors.



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### Filter by categories

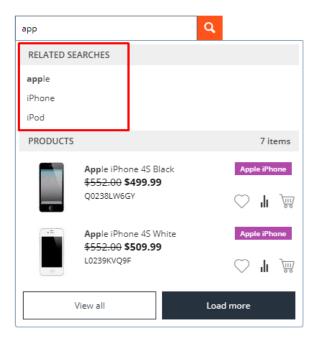
• **Enable filter by categories** - enabling this setting allows you to filter search results by categories:



• **Number of categories to show "Load more" button** - set the maximum number of categories to be displayed.

# **Suggestions**

• Show suggestions - enables suggesting of the possible search requests.





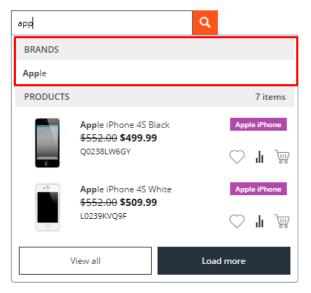
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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### Suggestions are formed:

- o from the <u>Search phrases</u> and <u>Search history</u>
- o from the <u>Search phrases</u>
- o from the <u>Search history</u>
- Max number of suggestions the maximum number of the suggestions in the Live search block.
- Minimum number of characters for suggestions from the search history specify the min number of characters the query from the search history should contain in order to show it as a suggestion.
- **Minimum number of searches for suggestions from the search history** specify the min for how many times the query should occur in the search history to include it in the hints.

#### **Brands**

• **Show brands** - enables the *Brands* section in the Live search results.



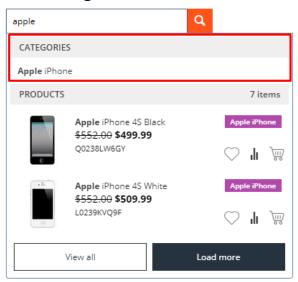
- **Brand feature** select a feature with the type "Brand". If not selected, the Brands section will not be included in the search results.
- Max number of brands the maximum number of brands shown in the Live search block.



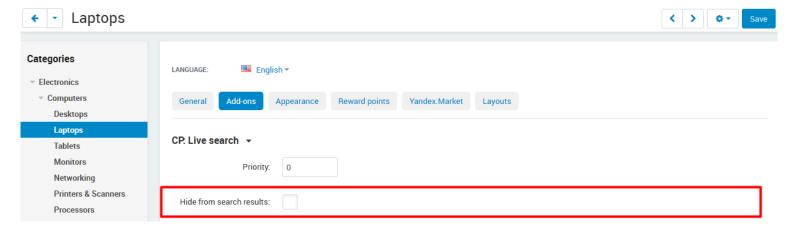
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# **Categories**

• Show categories in search result - shows categories in a separate section in the search results.



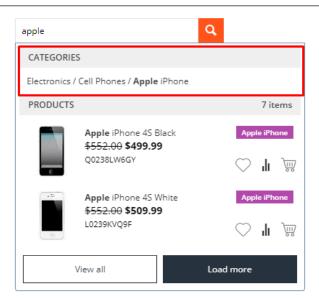
If you do not want to display any category in the search results, you can enable the appropriate setting:



• Show category paths - enables displaying the path to the category, not just the category name.



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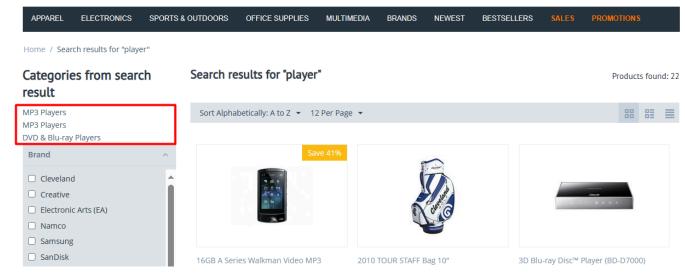


• Max number of categories - the maximum number of categories in the Live Search results.

# Categories on search page

To display these settings, you need to add a new block **CP: Search page categories** to the page with search results. You can learn more about customizing the layout of this page <u>here</u>.

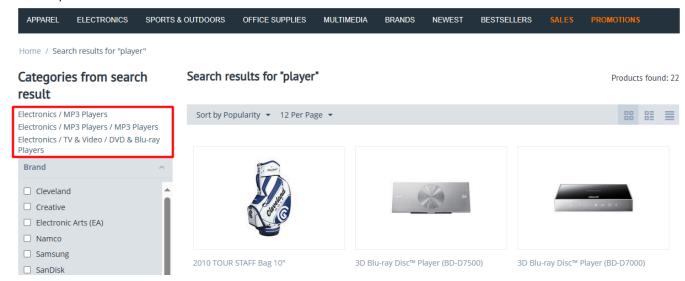
- Categories display type choose one of the variants:
  - Do not show;
  - Name only:



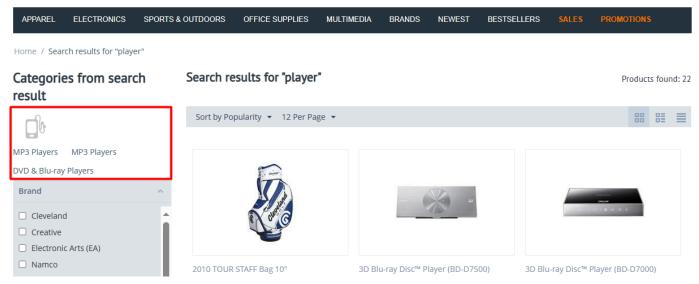


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o Full path:



Name and image:



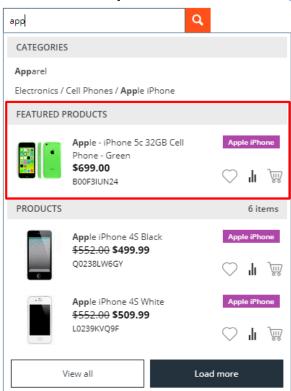
• Max number of categories - the maximum number of categories on the search results page.



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### **Featured products**

• Show featured products - enables the <u>Featured products</u> section in the Live Search results.



Featured products are configured manually. In the section **Website > Live search > Search phrases** you can add matches between search requests and the products which should be shown in the Featured products section.

Only exact matches are used in the search phrase.

If you add "Apple" as the search phrase and then enter "Appl" in the search field, you will not see the *featured products* or *suggestions* in the search results.

• Max number of featured products - the maximum number of the featured products. If you add more *Featured products* to the search phrase than specified in this setting, only the top products in the list are shown.

When you enable all the elements, the height of the Live search block can significantly increase. A vertical scroll bar will appear. You can change the height of the block in the add-on settings on the **General > Max height of the live search block**.

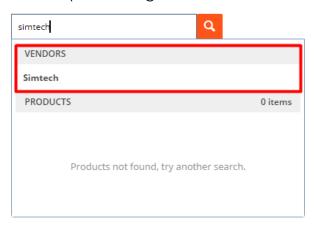
• Show the product when the request completely matches the product code - a product with a code that fully matches the request text will be displayed in the featured products block.



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### **Vendors**

• Show vendors in search result (Multi-Vendor) - enables displaying product vendors in search results (this setting is available in the CS-Cart Multi-Vendor edition).



• Max number of vendors (Multi-Vendor) - the maximum number of vendors displayed in search results (this setting is available in the CS-Cart Multi-Vendor edition).

### **Objects**

- Show matching objects:
  - o Pages search request works also on the store pages;
  - o Blog search request works also on the blog pages;
  - CP: SEO filters pages search request works also in the SEO filters pages (Cart-Power: SEO for filters add-on);
  - Power Blog: Articles search request works also on the pages of Power Blog articles (*Cart-Power: Power Blog* add-on).
- Max number of objects the maximum number of displayed objects of the previous setting.



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## Search Motivation tab

**Search motivation** is an animated text in the *Search field* that attracts attention and encourages action.

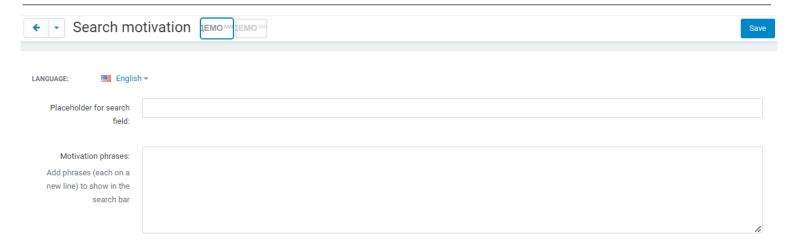
	Q
General Search settings Look and feel se	Search motivation Search history Search acceleration Search words generation
Use search motivation:	
Show search motivation:	Home page
	Cart
	Checkout page
	Profile/registration page
	Content pages / form pages / blog pages
	Category pages
	Product pages
To configure motivation texts, follow the link.	
Animation speed (sec):	0.2

- Use search motivation enables search motivation.
- Show search motivation determines on what pages it should be used.
  - Home page
  - Cart
  - Checkout page
  - Profile/registration page
  - Content pages / form pages / blog pages
  - Category pages
  - Product pages
- **Animation speed (sec.)** you can manually adjust the animation speed of the search motivation text. If this field is empty, then the animation will be disabled, and in the search field will be displayed all phrases added to the list of motivation phrases.

You can use the special link at the bottom of the window or go to the section **Website > Live Search> Search motivation.** 

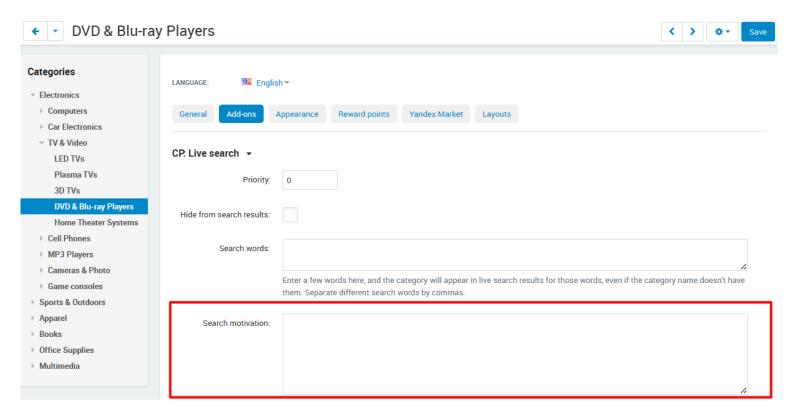


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- **Placeholder for search field** the text that will be displayed in the search field before motivation. If the placeholder is empty, then the first motivational phrase will be displayed.
- Motivation phrases add motivation phrases, use a new line for each phrase.

You can add motivating phrases for each category separately. Go to **Products > Categories >** [Category\_name] > Add-ons tab.

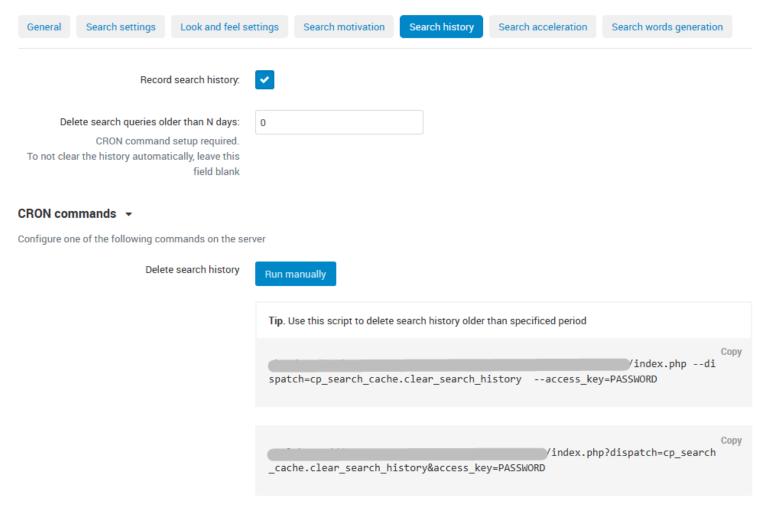


If you use multiple languages, add Motivation phrases for each language.



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# Search History tab



- Record search history enable this setting to work with search history.
- **Delete search queries older than N days** set the number of days after which the search history will be automatically deleted.

To manually delete your search history, use the Run manually button.

To **automatically delete your search history**, copy the necessary scripts from the add-on settings and add them to the CRON on your server (you can read more about CRON <u>here</u>). If you do not know how to do this, please contact your server administrator for help or write to us at sales@cs-cart.com and our specialists will help you.



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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

### Search Acceleration tab

General	Search settings	Look and feel settings	Search motivation	Search history	Search acceleration	Search words generation
of words i words exclus	accelerated by indexing the name, product of sof the product. Such sively in these fields a ls up the search in sto	code and search n a search works and significantly				
CRON con	nmands 🕶					
Configure on	e of the following co	mmands on the server				
Generate indexes Run manually						
			. Use this script to genera	ate indexes		
		spa	ntch=cp_search_cach	e.generate_index	esaccess_key=PA	Copy /index.phpdi SSWORD
		_ca	nche.generate_index	es&access_key=PA		Copy p?dispatch=cp_search

Acceleration makes sense only in stores with a large product database. We do not recommend using it if you have less than 20,000 items.

Search is accelerated by indexing the beginnings of words and limiting the number of fields that are searched through.

• **Speed up the search** - if enabled, the search will work exclusively by name, article and search words of the product. When you enter the first 2 characters of the search query, the search will turn to the index table to narrow the search circle. When 3rd and subsequent characters are entered, the search will go through the data of these goods (**name, product code** and **search words**).

Please generate the product index table.



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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

To **automatically generate indexes**, copy the necessary scripts from the add-on settings and add them to the CRON on your server (you can read more about CRON <u>here</u>). If you do not know how to do this, please contact your server administrator for help or write to us at sales@cs-cart.com and our specialists will help you.

### Search Words Generation tab

General Search settings Look and feel se	ttings Search motivation	Search history	Search acceleration	Search words generation
Special characters: Write the characters through the space. Based on these symbols, search keywords will be generated for products that have these symbols in their names.				
CRON commands ▼				
Configure one of the following commands on the ser	ver			
Generate search words	Run manually			
	Tip. Use this script to genera	ate search words		
	spatch=cp_search_cache	e.generate_searc	h_wordsaccess_k	Copy /index.phpdi ey=PASSWORD
	_cache.generate_search	h_words&access_k		Copy p?dispatch=cp_search

Important: If searching by cache is enabled, it's required to run the cache generation script after this script. Cache generation commands

• **Special characters** - specify the characters that are included in product names and will be used when generating search keywords.

To manually generate search words, use the Run manually button.

To **automatically generate search words**, copy the necessary scripts from the add-on settings and add them to the CRON on your server (you can read more about CRON <u>here</u>). If you do not know how to do this, please contact your server administrator for help or write to us at sales@cs-cart.com and our specialists will help you.



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# 4. Generating a Live Search Cache

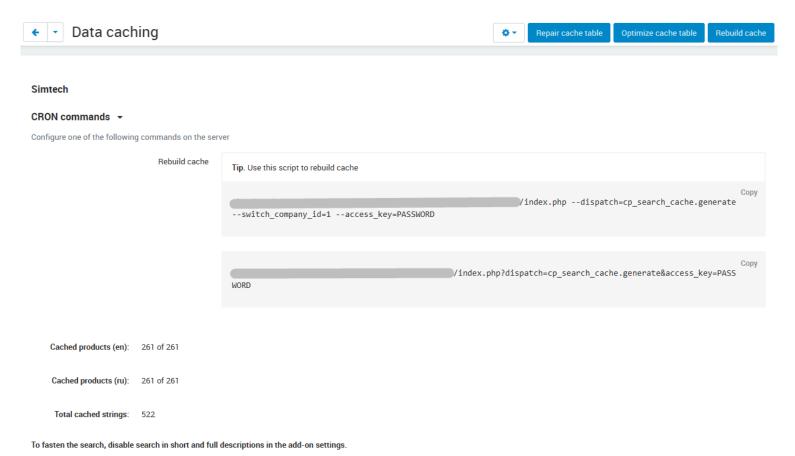
- Go to Website > Live search > Data caching
- 2. Click the **Rebuild cache** button (top right corner of the page).

A separate cache table is generated for each language used on the storefront. The table contains information about the products for the Live search. As a result, the number of rows in each table reduces. The add-on will check the storefront language and will search through one single table instead of all tables of the database. It takes less time to process such a request, so the search works fast.

The product is cached only if its status is Active.

If the product is in several categories, and at least one of them has **Active** status, the product will be added to the cache.

The results are shown on the same page:



**CRON command** - is a CRON command that must be added to the CRON table on your server in order to regularly update product data (you can read more about CRON <u>here</u>). If you do not know how to do



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HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

this, please contact your server administrator for help or write to us at sales@cs-cart.com and our specialists will help you.

Be sure to do this if you synchronize the product data with some third-party services.

When you update product data, it is updated for live search as well.

Cached products (ru) - the number of cached products with a description in Russian.

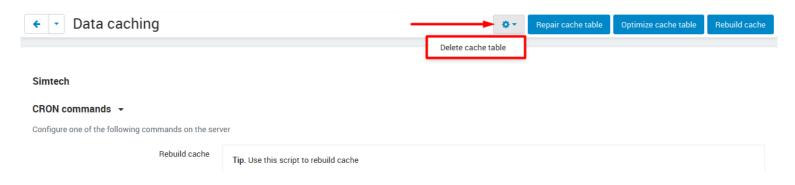
Cached products (en) - the number of cached products with a description in English.

**Total cached strings** is the number of rows in the live search database tables. Calculated by the formula: number of cached products \* number of languages.

The **Repair cache table** button restores the structure of the table if it is broken.

The Optimize cache table button reduces the size of the table with the cached products.

The Gear button > Delete cache table - deletes the cache table.





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### 4.1 Product Data Used for Live Search

Each cache table generated for the Live search contains the following product data:

- 1. Product name
- 2. Short description
- 3. Full description
- 4. Meta keywords
- 5. Options
- 6. Features
- 7. Language
- 8. Search words
- 9. Stop words
- 10. Product code
- 11. Meta description
- 12. Price
- 13. Time of creation
- 14. Status
- 15. Popularity
- 16. Product code of option combinations
- 17. Vendor name (Multi-Vendor)

The add-on will check the storefront language and will search through one single table instead of all tables of the database. It takes less time to process such a request, so the search works fast.



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#### 5. Extra Features

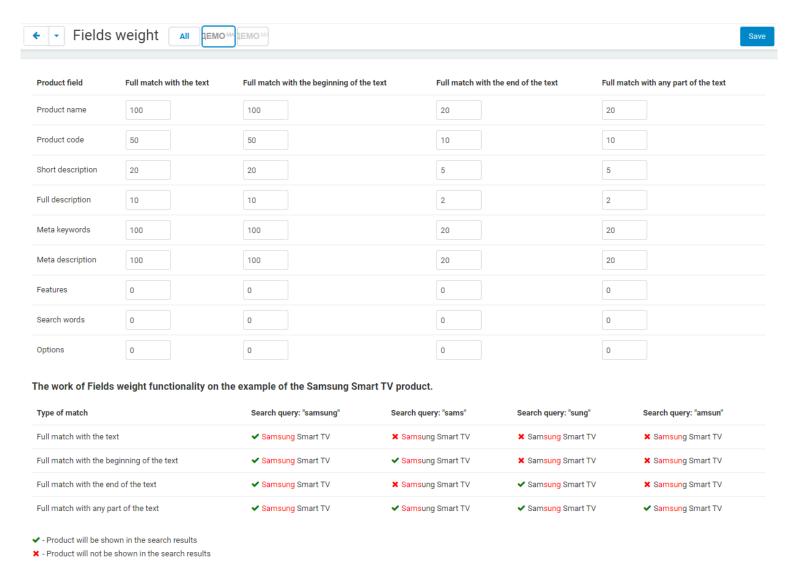
## 5.1 Search Results Priority

#### 5.1.1 Fields Weight

Allows you to customize the order of the search results.

The setting **Sort search results** by Fields weight should be enabled.

#### Go to Website > Live search > Fields weight.



The names of the columns determine the degree the search query matches the product data.



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Numbers - determine the weight.



Full match with the text - the search query fully matches the contents of the field.

Example: A user entered "iPhone 6" in the search > If "iPhone 6" is entered in the product field, a match will count. "IPhone 6 Black" will not match the request.

Full match with the beginning of the text - the search query matches the first words / characters.

Example: A user entered "iPhone 6" in the search > Match will be counted for "iPhone 6" and "iPh

**Full match with the end of the text** - the search query matches the last words / characters in the field contents.

Example: A user entered "**iPhone 6**" in the search > A match will be counted for "Black **iPhone 6**". "**IPhone 6** Black" will not match the request.

Full match with any part of the text - all variants of matches will count.

Example: A user entered "iPhone 6" in the search > a match will be credited for all products: "iPhone 6", "iPhone 6 Black" and "White iPhone 6".



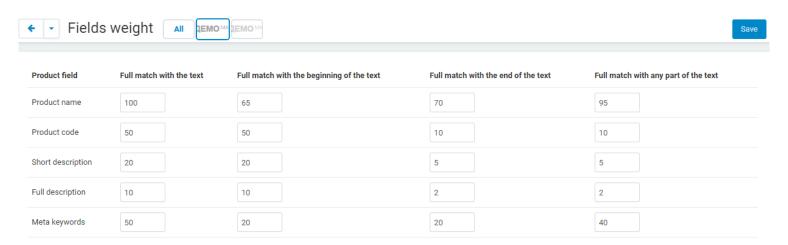
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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### 5.1.2 Ranking Search Results by the Fields Weight

- 1. The Add-on checks if there are matches of the search query in the product data fields for each product separately.
- 2. When a match is found, it sums the *field weight* you specified in the table for each product separately.
- 3. Products are sorted by the *sum of the field weights* in descending order (from highest to lowest).
- 4. Products with the highest sum of the field weights will be shown in the search results.

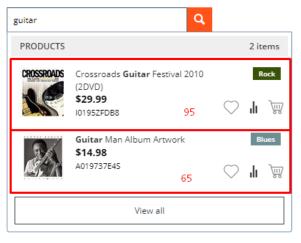
#### 5.1.3 An Example of How the Fields Weight Work

The Fields weight have the following settings:



We have 2 products from the CS-Cart demo catalog: *Crossroads Guitar Festival 2010 (2DVD)* (**Product A**) and *Guitar Man Album Artwork* (**Product B**). Their "Meta-keywords" fields are empty.

1) We enter "guitar" in the search and get:





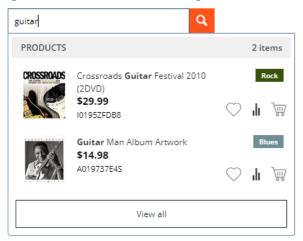
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

Product A has a match in the field Product name - Full match with any part of the text - priority 95

**Product B** has a match in the field **Product name** - *Full match with the beginning of the text* - priority 65.

**Product A** gets a higher position in the search results, as it has a greater *sum of the field weights*.

2) We add the meta-keywords "guitar, music" for **Product A** and "guitar" for **Product B**. Enter "guitar" in the search and get:



**Product A** has a match in the field **Product name** - Full match with any part of the text (95) and **Meta-keywords** field - Full match with the beginning of the text (20); total amount 115.

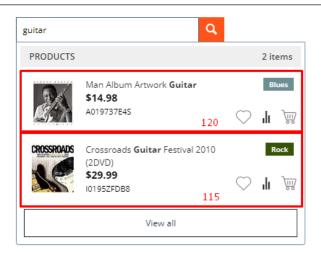
**Product B** has a match in the field **Product name** - Full match with the beginning of the text (65) and field **Meta-keywords** - Full match with any part of the text (50); total amount 115.

If the *sums of the field weights* are equal, products in the search results will have random order.

3) We move the word "Guitar" to the end of the product name for **Product B**. We enter "guitar" in the search and get:



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**Product A** has a match in the field **Product name** - *Full match with any part of the text* (95) and **Meta-keywords** field — *Full match with the beginning of the text* (20); total amount 115.

**Product B** has a match in the field **Product name** - *Full match with the end of the text* (70) and field **Meta-keywords** - Full match with the text (50); total amount 120.

**Product B** gets a higher position in the search results, as it has a greater *sum of the field weights*.



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Store: <a href="mailto:sales@cart-power.com">store: store.cart-power.com</a>

## 5.2 Search History

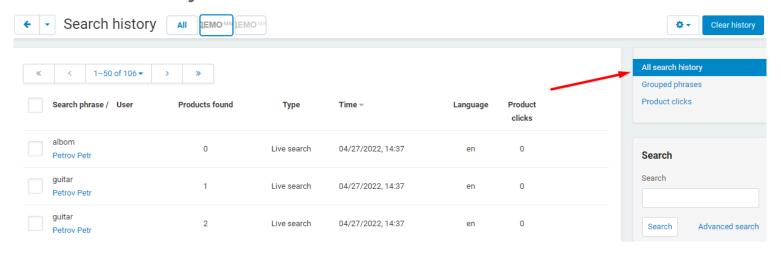
The setting **Record search history** should be enabled.

An authorized user will see his search query history by clicking on the search field (will be shown only those words that were clicked on in search results). He can delete positions he does not need:



Go to Website > Live search > Search history page to see the history of search queries.

### 5.2.1 All Search History



Use this data to analyze search queries on your site.

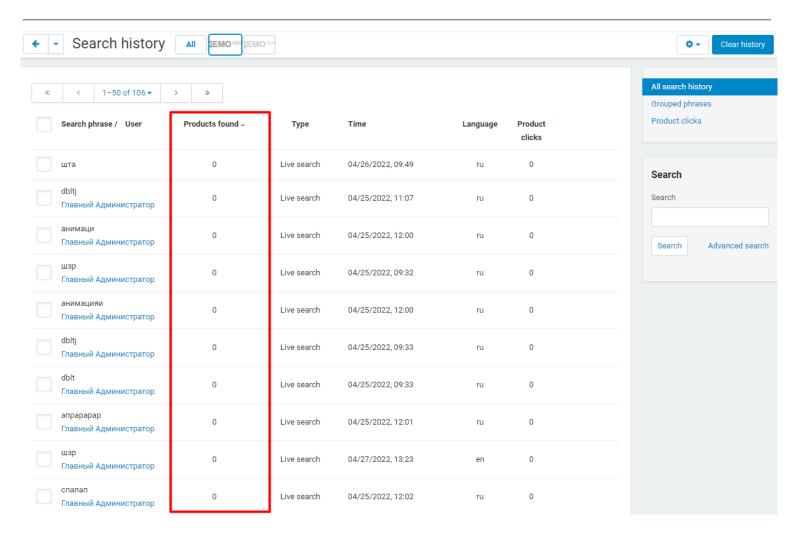
#### Cases

#### 1. The product is available on the site, but clients fail to find it.

Sort the list by the column *Products found* so that the zero-results were in the top.



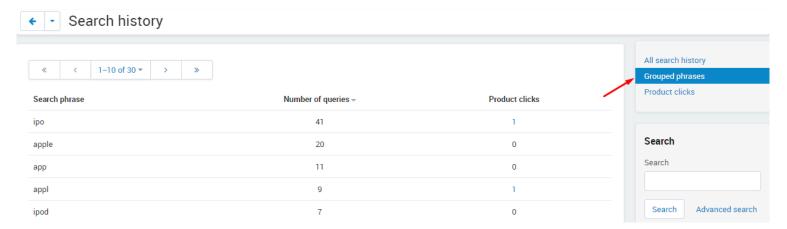
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:sales@cart-power.com">store: store.cart-power.com</a>



You will get a list of search queries that failed.

To fix the issue, you can set up suggestions and featured products for these search queries.

### 5.2.2 Grouped phrases



Here you can view a list of the most frequent search queries in your store.



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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

#### Cases

#### 1. Clients are searching for a product that you do not sell.

If you see many requests for a product that you do not sell, you can consider to start selling it.

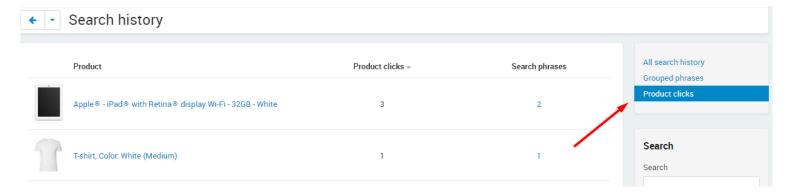
2. Products are shown in the search results, but customers do not click on the product.



Enter this search query in the search form. Probably, the search result is not relevant to the query.

#### 5.2.3 Product Search History

Go to **Website > Live search >** Click on the **Product clicks** button.

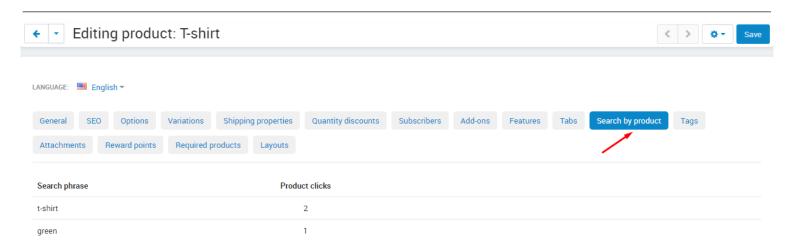


There is a list of products with the information on the total number of clicks for each product, and a list of search queries generated by these clicks.

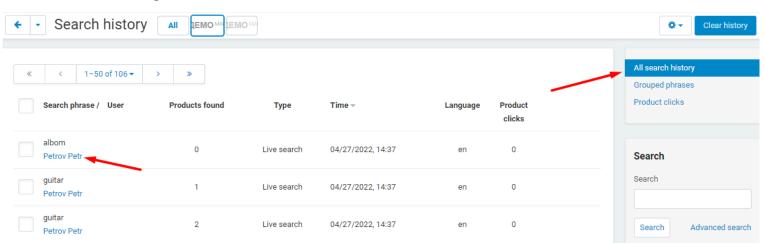
On the product details page **Products > Products > [Product\_name] > Search by Product** tab, you will see a breakdown of clicks for search queries.



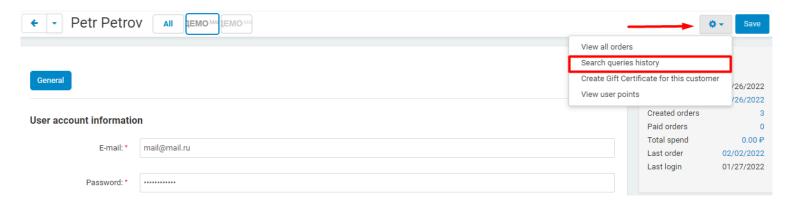
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>



#### 5.2.4 Search history for authorized users



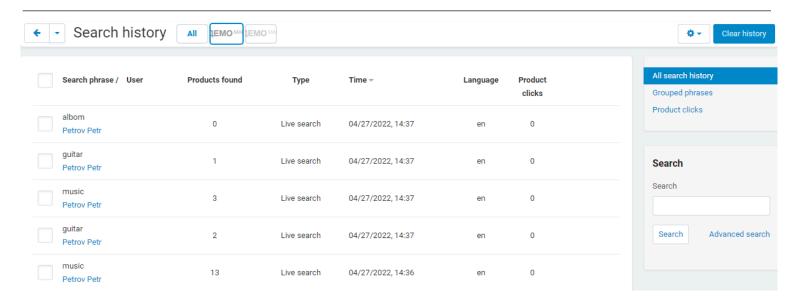
In the *all search history* mode, in the first column, find the link to the user profile, go to it. Click on the gear button and find **Search queries history**:



You will see a list of all search queries for this user:



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Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>



#### Cases

#### 1. You want to know more about a particular user's preferences.

The analysis of the requests of an individual user will help you find an individual approach to him and offer him a bonus - a gift or a discount on a product of a certain category.

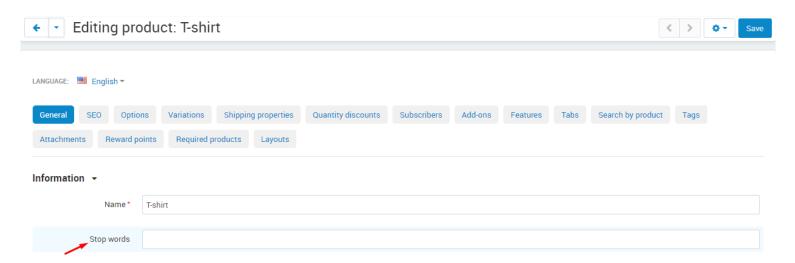


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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

# 5.3 Stop Words for Products

Live search adds **Stop words** field to the product details page.

Add comma separated search queries for which the product should be excluded from the search results.





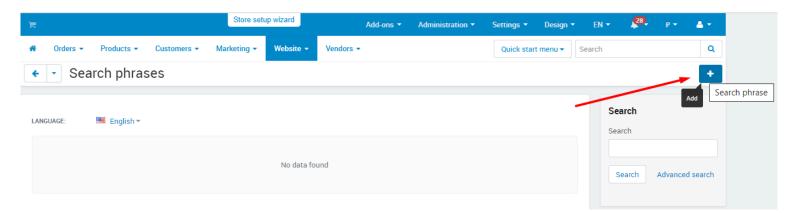
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

### 5.4 Search Phrases

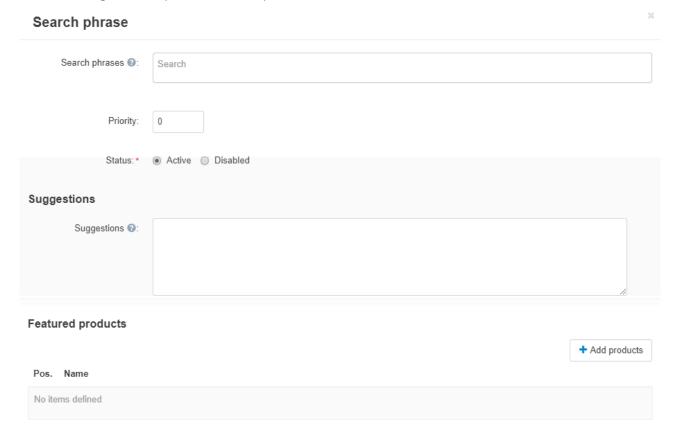
Go to **Website > Live search > Search phrases.** Here you can add **Search phrases** and set the **Featured products** and **Suggestions** for them. Please note, that Featured products and Suggestions do not replace the search results, but are shown in addition to them.

<u>Featured products</u> and <u>Suggestions</u> are shown only if you enabled the corresponding settings.

Click on the "+" button in the upper right corner.



The form for adding search phrases will open.





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• **Search phrases** - phrases entered to the search form by the client. Start entering a phrase and you will see the possible options from the search history. Choose the appropriate ones or enter the whole phrase and click on it. Add all the necessary phrases.

Only **exact matches** are used in the search phrase.

If you add "Apple" as the search phrase and then enter "Appl" in the search field, you will not see the *Featured products* or *Suggestions* in the search results

If you use multiple languages, add search phrases for each language.



• **Priority** - set the priority. It works if one and the same search phrase was used in different sets of search phrases.

Featured product or Suggestion takes a higher position in search results if the priority value of its search phrase is higher.

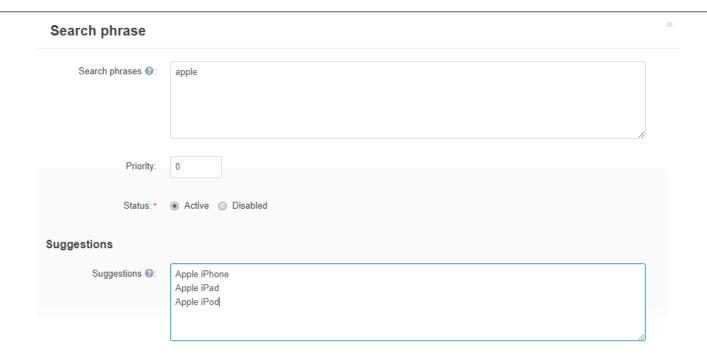
If the priorities are equal, then the *Featured products* or *Suggestions* are arranged in a random order.

- **Status** activate / disable search phrase
- **Suggestions** add *Suggestions* that will be shown in the Live search as possible search queries. Use a new line for each suggestion.

Example settings:

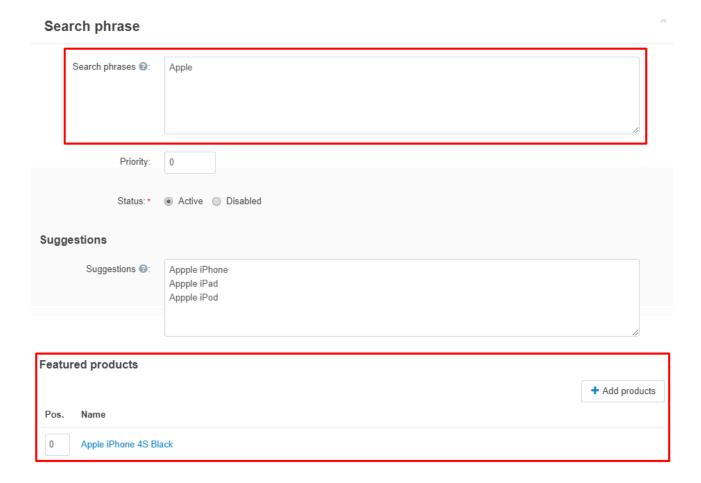


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• **Featured products** - select products to be shown in the *Featured products* section in the search results.

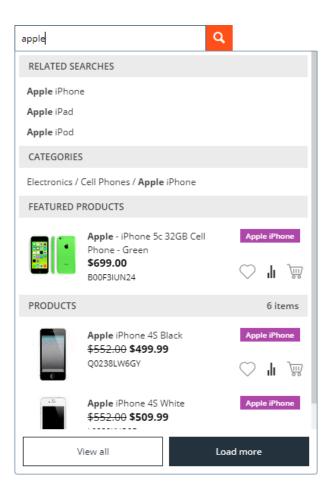
For example, with these settings





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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

we will get the following result:

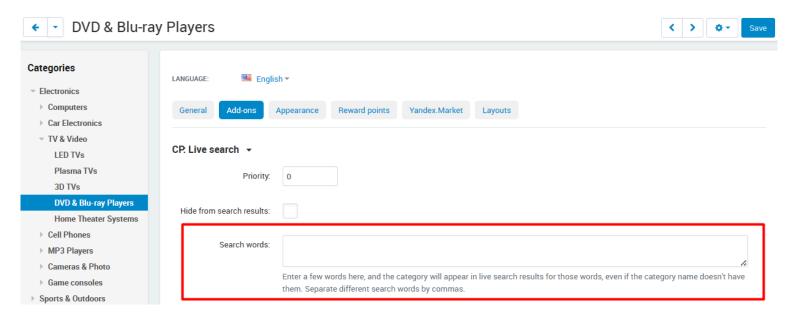




e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
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# 5.5 Search Words in Categories

The add-on adds a new **Search words** setting. Now you can display the categories you need in the Live Search results, even if their names do not contain these search words:





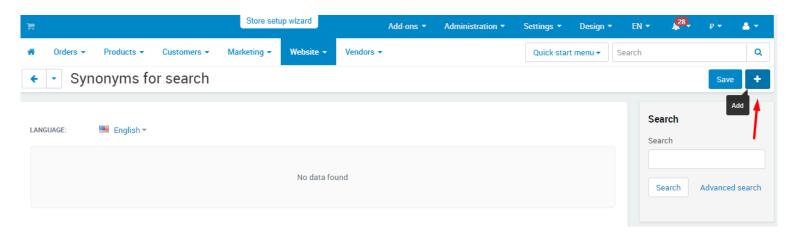
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
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# 5.6. Synonyms

#### Go to Website > Live search > Synonyms for search.

Here you can add synonyms for the search, the use of which will help to significantly improve your search performance.

#### Click the Add button:



In the window that opens, enter the following values:



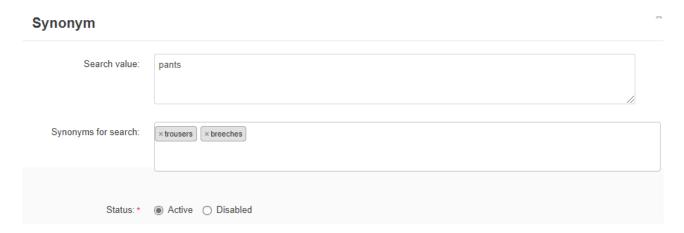
- **Search value** enter the search phrase to search for when the customer enters one of the synonyms in the search box.
- **Synonyms for search** words that will be understood as equivalent to the meaning for search, its substitutes.

If you use multiple languages, add synonyms for each language.

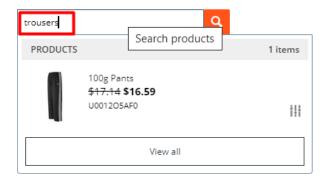


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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

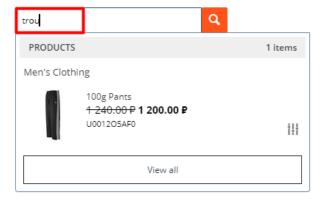
For example, let's create the following synonyms:



The customer in the store will enter the synonym we have created and will see the required value:



If the <u>Search by partial match of a synonym (at the beginning)</u> setting is enabled, then the search will start working as soon as you enter the first part of the synonym word:

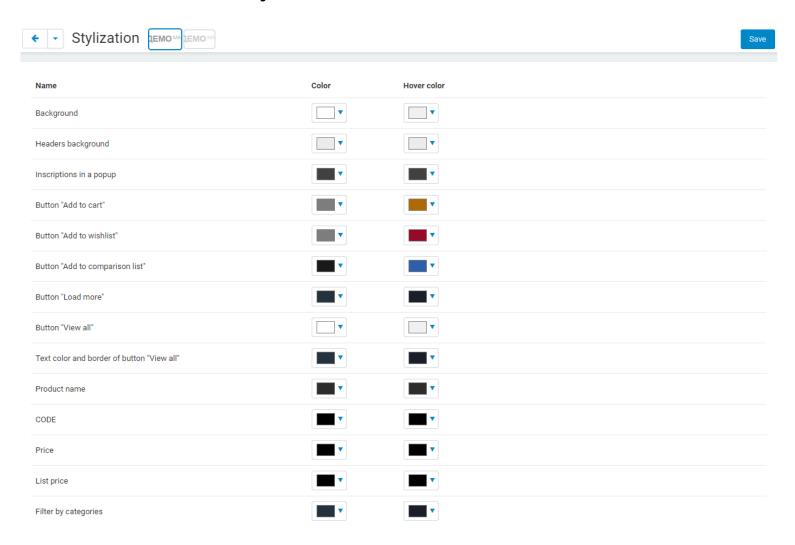




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# 5.7 Stylization of the Search Results

#### Go to Website > Live search > Stylization:



You can select **Color** and **Hover color** for each element using the color picker or add the color manually in HEX-format [# 000000].

The *categories colors* are configured on the add-on settings page (Add-ons > Manage add-ons > Cart-Power: Live search > Settings) on the Look and feel settings tab.

Fonts can be changed through the modification of the add-on files only.



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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

# 5.8 Keyboard Navigation

You can use the keyboard for easier navigation:

- The "Enter" key is used to confirm the entry.
- The "Escape" key is used to exit the search menu.
- The "Page Up" and "Page Down" keys in the search line move the cursor up and down the drop-down menu.
- The "Home" and "End" keys in the search line move the cursor to the beginning and end of the line, respectively.

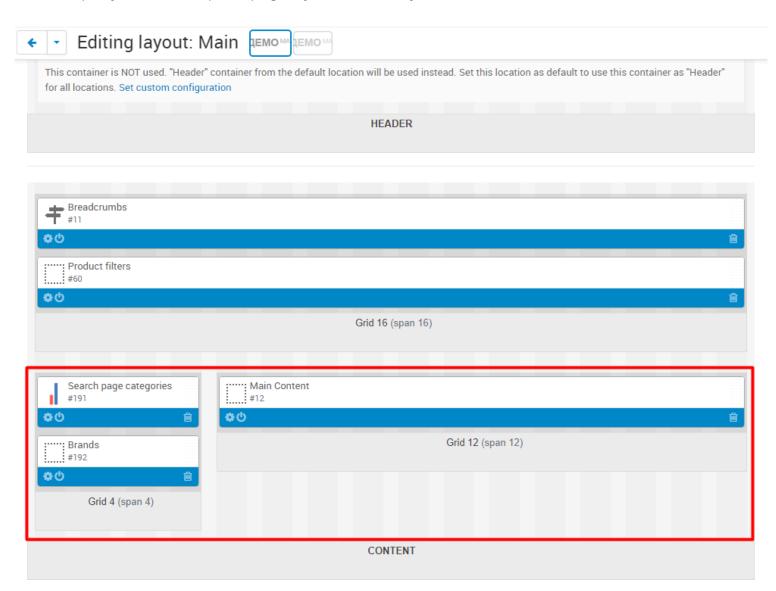


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Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

# 6. Search Results Page

You can customize the default layout of the search results page by adding a **CP: Search page categories** block and a block with brand filter. Don't forget to choose the <u>Categories display type</u>.

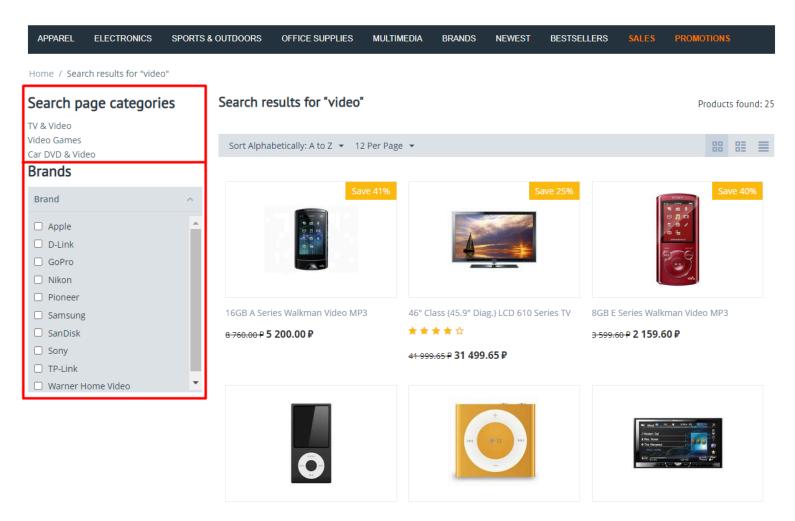
For example, you can set up the page layout in this way:





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HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

On the storefront, it will look like this:

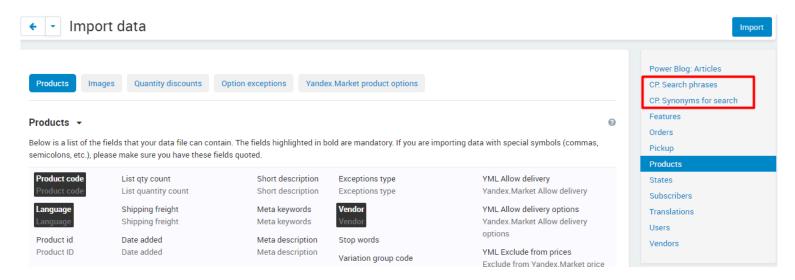




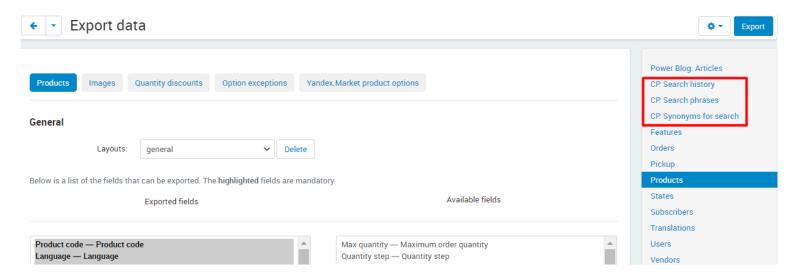
e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
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Store: <a href="mailto:sales@cart-power.com">store: store.cart-power.com</a>

# 7. Data Export and Import

The add-on settings allow you to import **Search phrases** and **Synonyms for search**:



You can export Search history, Search phrases and Synonyms for search:



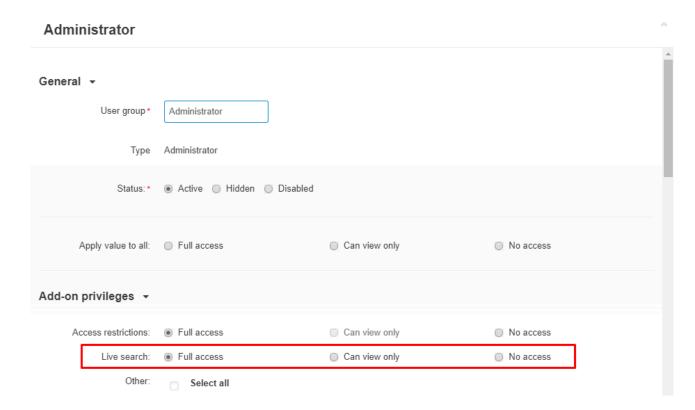


e-mail: <a href="mailto:sales@cart-power.com">sales@cart-power.com</a>
Website: <a href="mailto:cart-power.com">cart-power.com</a>
HelpDesk: <a href="mailto:hd.cart-power.com">hd.cart-power.com</a>
Store: <a href="mailto:store.cart-power.com">store: store.cart-power.com</a>

# 8. Privileges

The add-on allows you to restrict access to viewing and managing Live Search for a group of users.

Go to Customers > User groups > [User\_group\_name] > Privileges > Add-ons section.





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# 9. Work of the Add-on in CS-Cart Ultimate

You can change the general settings of this add-on separately for each storefront or for all storefronts at once. For this is provided the **Change value in all stores** function. Its activation opens the fields for filling and applies the entered values for all storefronts at the same time.

You can cache data both on all storefronts at once, and on a separate storefront. The weight of the fields is configured for all storefronts at once.

Other add-on settings depend on the general storefront settings and, as a rule, are changed for each store separately.

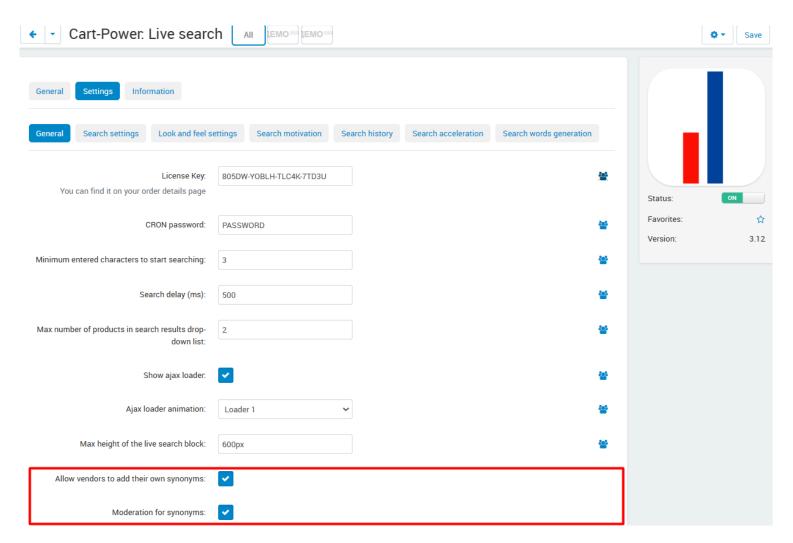


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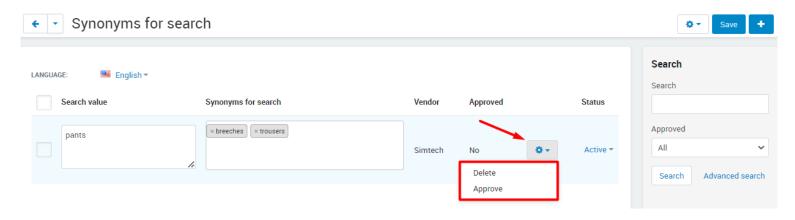
# 10. Work of the Add-on in Multi-Vendor

All add-on settings are available only to the administrator.

The vendor can make synonyms for his products. To do this, the appropriate settings must be enabled:



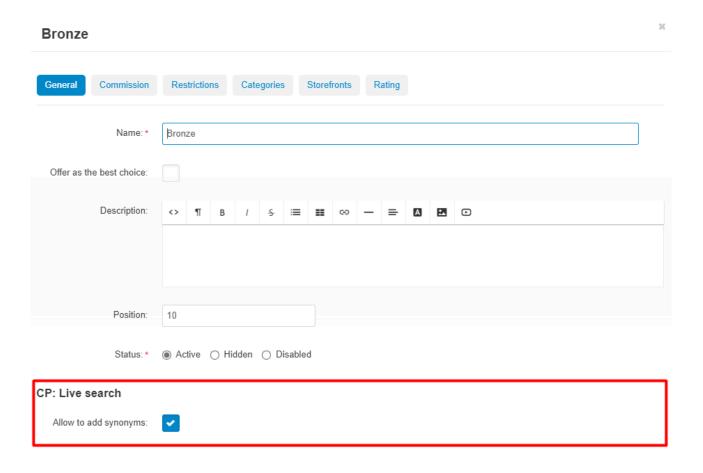
The Moderation for synonyms setting allows administrator to reject and approve vendor's synonyms:



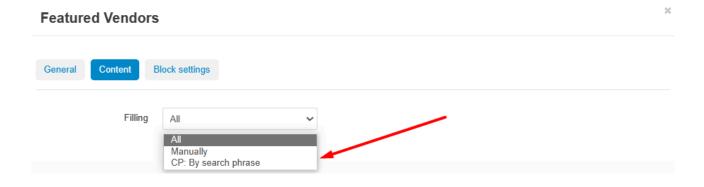


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Vendor plans also have a setting:



There is a new **CP**: By search phrase filling In the **Vendors** and **Featured Vendors** blocks (**Design > Layouts**). It filters vendors by a search phrase on the search page:



# 11. Work of the Add-on in Multi-Vendor Ultimate

The add-on settings, motivation, stylization and search history can be set separately for each storefront.

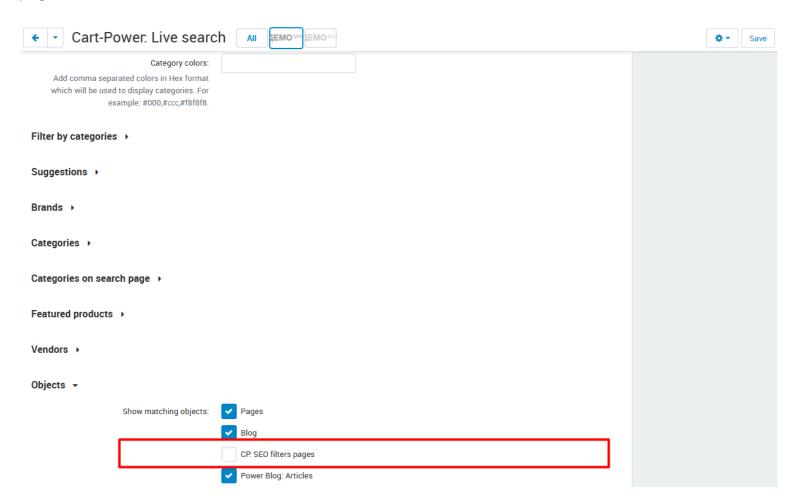


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# 12. Integrations with Other Add-ons

#### • Cart-Power: SEO for filters

If you have already installed the *CP: SEO for Filters* add-on, then you can enable search on SEO filter pages:





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#### Cart-Power: Power Blog

If you have already installed the *CP: Power Blog* add-on, then you can enable search on the pages of Power Blog articles:

