

User Reference Guide to ChartGenie

This user guide provides a detailed description of the main features of ChartGenie.

If you have any questions about this user guide, please contact us at:

UOB Kay Hian Client Services

Tel: +852 2136 1818

Email: clientservices@uobkayhian.com.hk

Please include your trading account number and contact number in your email.

Operating hours: 9:00am - 6:00pm from Monday - Friday, except Sat, Sun and public holidays.

System Requirements

To ensure that you are able to run the ChartGenie smoothly, please ensure your computer system meets the following requirements. You may also download UTRADE HK Mobile on App Store and Google Play to access ChartGenie on mobile.

Speed of Processor	Intel Celeron Duo Core 1.6GHz or higher
Memory (RAM)	2GB RAM or higher
Display Resolution	Super VGA (1024 x 800)
Peripherals	Mouse and Keyboard
Internet Connectivity	Required for updating stock data
Browsers	Google Chrome (Version 40 and above) Mozilla Firefox (Version 35 and above) Internet Explorer (Version 10 and above) Safari (Version 7 and above)

Getting To Know ChartGenie

ChartGenie is a technical analysis tool providing you with stock alerts. This tool comprises of the following segments:

- 1. Alerts**
- 2. Commentary**
- 3. Marquee**
- 4. Technical and Trend Information**
- 5. Charting Area**
- 6. Watchlist**

ChartGenie is a screening and technical analysis tool from UOB Kay Hian in order to help you have a clearer and easier view of the technical chart. ChartGenie will trigger alerts on those stocks which have good technical signals, as this helps you make a better informed trading decision.

1. ALERTS

The counters in the Alerts window are triggered by technical studies such as RSI, MACD, Support and Resistance with high volume breakouts and Moving Average. On top of that, the strength of the signal is measured by the MFI indicator and is illustrated in the right-most column in the Alerts window. To view the chart of the counter in the Alerts list, just click on the counter name.

The screenshot shows the Alerts window interface. At the top, there is a title bar with a dropdown menu set to 'HKEX', a notification bell icon, and a settings icon. Below this is a table with columns for Time, Stock Exchange, and Signal Strength. The table lists several alerts with their respective times, stock names, and signal descriptions. Callout boxes provide instructions: one points to the HKEX dropdown, another to the notification bell, a third to the settings icon, and a fourth to the column headers. A fifth callout points to the top of the table with instructions on selecting and filtering alerts.

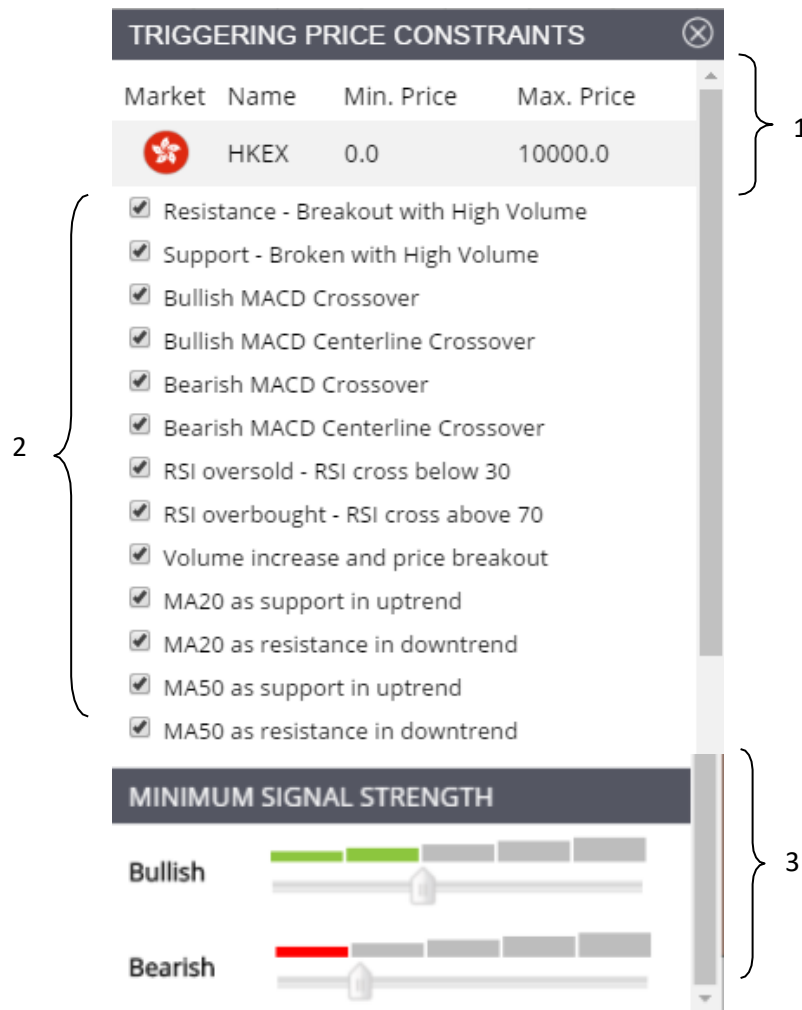
Time	Stock Exchange	Signal Strength
15:00	New Sports Gr... HKSE	RSI oversold - RSI cross b [Progress bar]
15:00	Xtep Internatio... HKSE	Support - Broken with Hi [Progress bar]
14:59	China Sunshin... HKSE	Support - Broken with Hi [Progress bar]
14:59	Xian Haitian A... HKSE	Volume increase and pri [Progress bar]
14:59	Xinhua News ... HKSE	RSI overbought - RSI cros [Progress bar]
14:58	Sino Hotels HI... HKSE	Volume increase and pri [Progress bar]
14:57	Vtech Hldgs HKSE	Volume increase and pri [Progress bar]
14:56	Mie Holdings C... HKSE	Bearish MACD Centerline [Progress bar]
14:56	Time Watch In... HKSE	Volume increase and pri [Progress bar]

When moving the mouse pointer over a counter name in the Alerts list, the detailed information will appear as below:

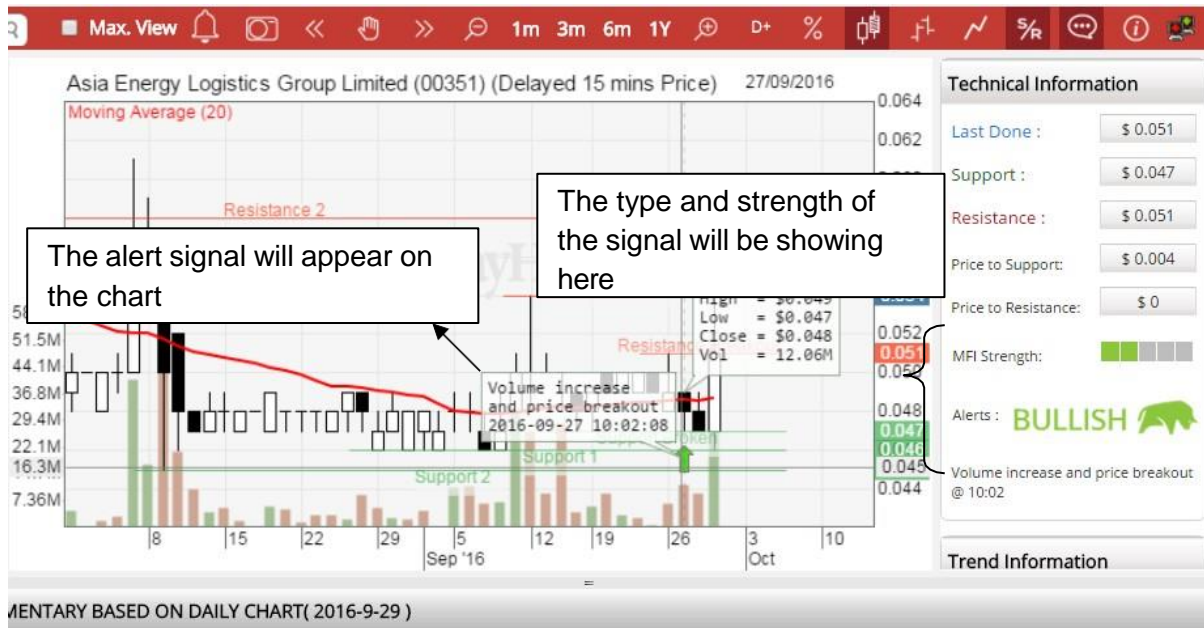
Time: 13:36
 Signal: Bearish MACD Crossover
 Indicates a bearish price action that may suggest more downside in the near-term.
 Stock: China Billion Resources Ltd

You can set certain constraints in the Settings window to filter the alerts.

1. Insert the minimum and maximum price constraints and press "Enter" on the keyboard, the alerts will be reflected accordingly
2. Select the rules you prefer to be shown in Alerts
3. Select the minimum signal strength, for example if you've selected 2 signal strength bars, only alerts with signal stronger than 2 and above will be shown



From the Alerts result list, click on the stock name column to display the chart in the chart area as shown below:



MENTARY BASED ON DAILY CHART(2016-9-29)
 Holding Limited has been trading above its upward sloping 20-Day Moving Average which is a good sign. In addition, the price just broke the resistance of 1.06

2. COMMENTARY

ChartGenie provides technical analysis commentary on every stock based on the movement of the price, volume and indicator on its daily chart. This commentary will be refreshed before the next trading day for all of the stocks.

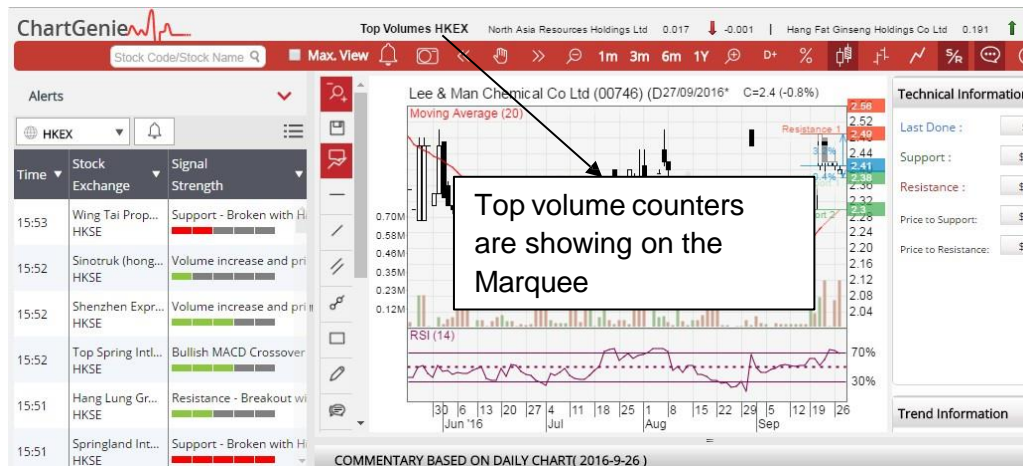
However, do take note that no commentary is available for warrants, loans and extended settlements.



COMMENTARY BASED ON DAILY CHART (8 JUL 2016)
 STI has been trading above its upward sloping 20-Day Moving Average which is a good sign. However the upward movement has encountered resistance at the level of 2880.72. Traders should pay special attention to the price and volume behavior in order to determine whether this resistance level can be broken decisively for STI to resume its upward movement. The indicator analysis on RSI is not exhibiting any extreme condition. Watch out for the 30% and 70% levels which indicate any oversold and overbought condition respectively.

3. MARQUEE

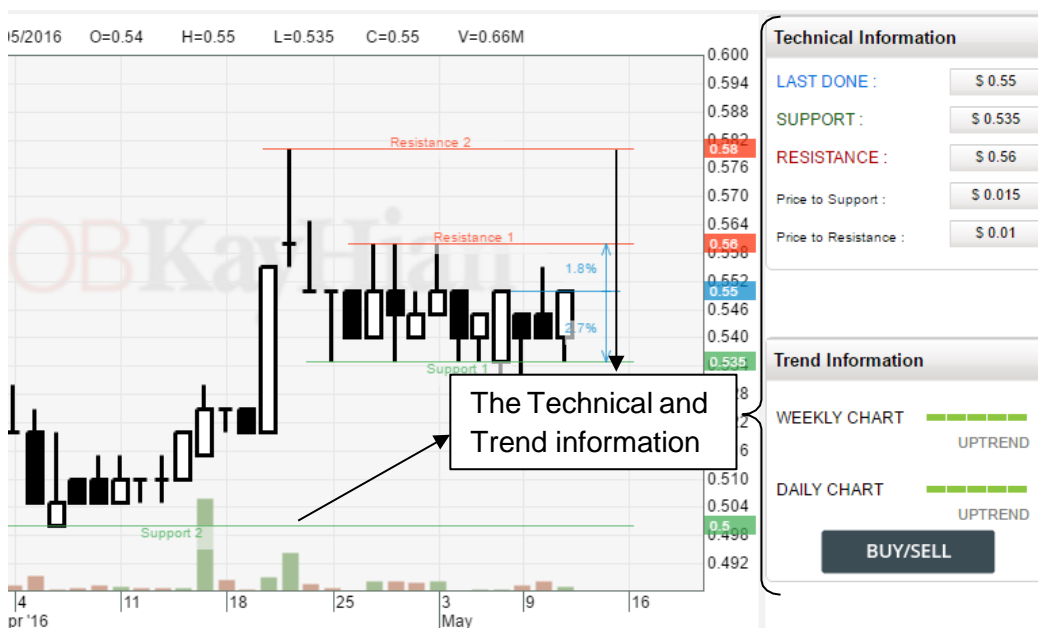
ChartGenie provides the top 20 volume counters in the marquee on top. Click on the counter name to open the counter's chart in the chart area.



4. TECHNICAL AND TREND INFORMATION

ChartGenie provides Technical Information of each stock. At one glance, you can easily measure the risk and reward of the stock with the Price to Support and Price to Resistance information.

You can also view the Technical Information from the chart where the Red line shows the Resistance level, Green line shows the Support level and Blue line shows the Last Done and the percentage difference between the immediate Support level and the immediate Resistance level as illustrated below:



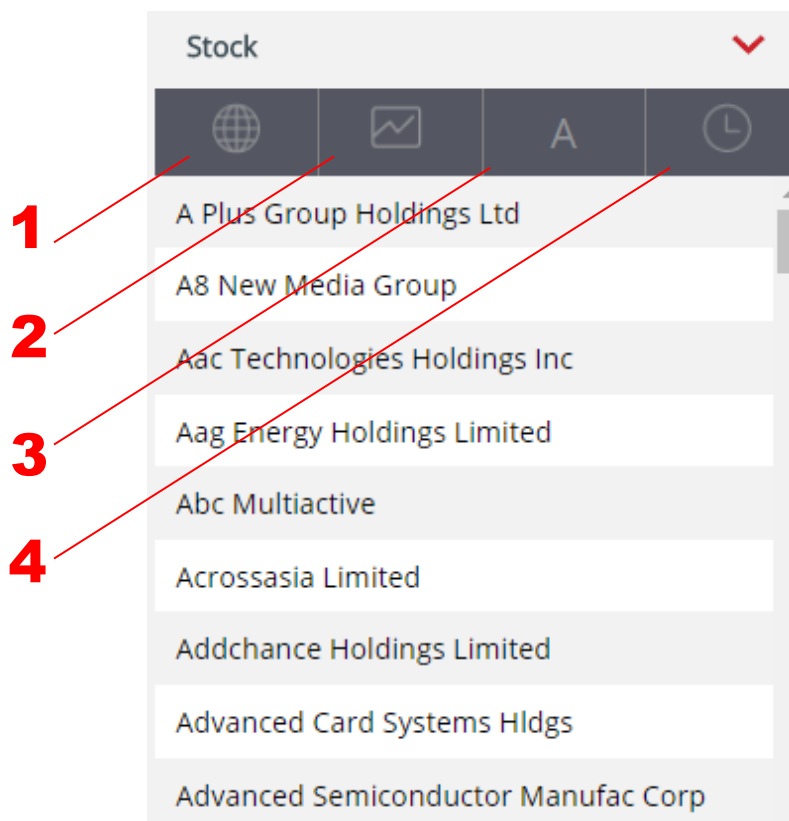
This strength information is calculated by the Average Directional Index (ADX), which is a popular indicator to measure the strength of trend.

5. WORKING WITH CHART

5.1 Opening A Chart

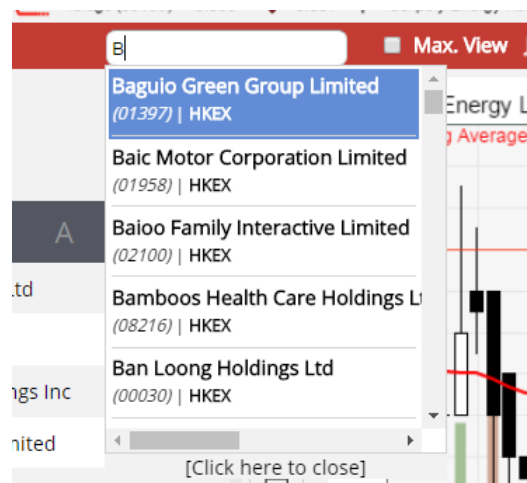
There is a stock listing window in this HTML5 chart. You are able to click on any stock name to open a chart.

1. Click on this icon to show the dropdown list of all available markets
2. Click on this icon to show the dropdown list which contains stocks, indices, top volumes, gainers or losers
3. Click on this icon to show the dropdown list which enables the selection in alphabet A to Z and 0 to 9 to find a stock
4. Click on this icon to show the dropdown list of opened charts history



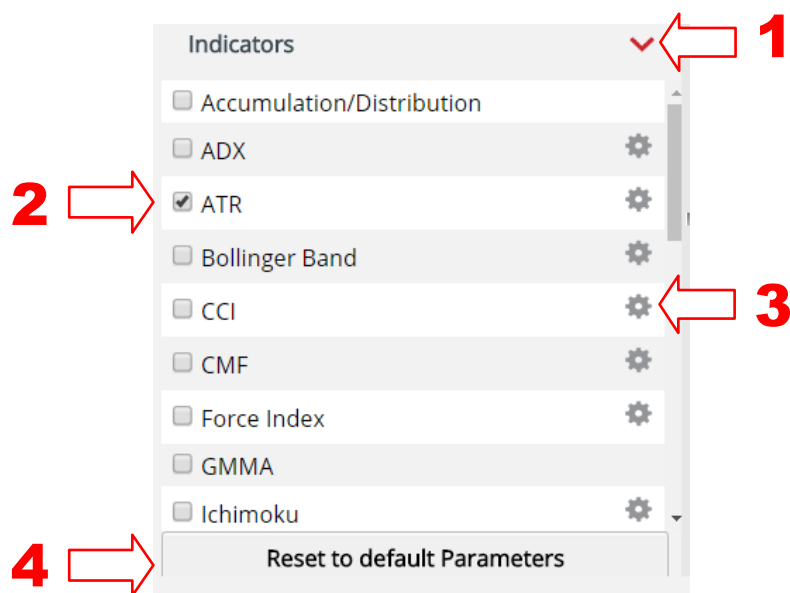
5.2 Search Stock

Type the name or code of the stock in the search box to search, then click on the stock name and the chart will appear.



5.3 Indicator List

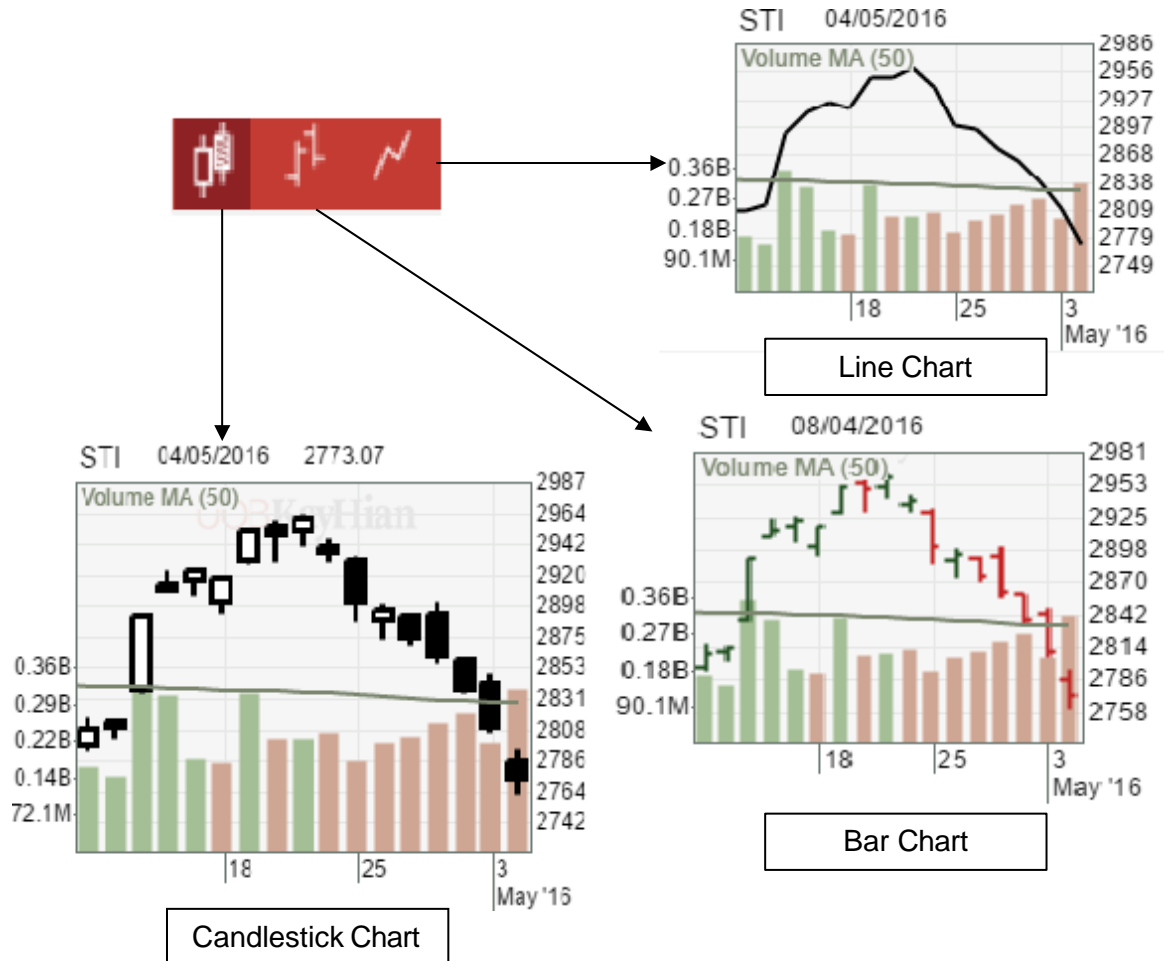
We provide a comprehensive list of technical indicators in ChartGenie.



1. Click on the 'Indicators' title to show the indicator list.
2. You can check or uncheck the checkbox for each indicator to show or hide it in the chart
3. Click on the Settings button to configure the indicator settings, including period, lower and upper limit
4. Click on the 'Reset Parameters' button to reset all the indicators back to default setting

5.4 Using Different Chart Types

You are able to view the plotted chart in 3 different ways by clicking on Candlestick, Bar Chart or Line Chart button on top of the chart:



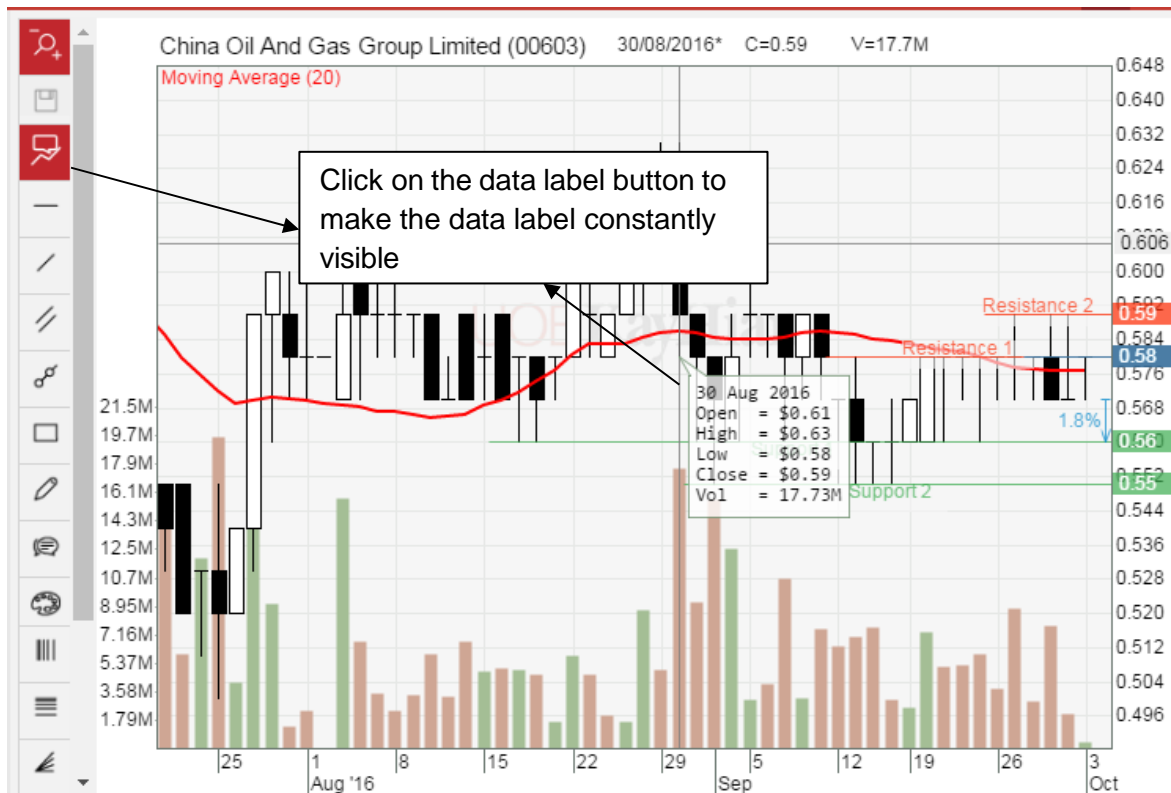
5.5 Save chart

It is important to save all your written analysis, drawings and comments of the stock. After you have saved it for the first time, the stock chart will be opened with everything you saved previously.



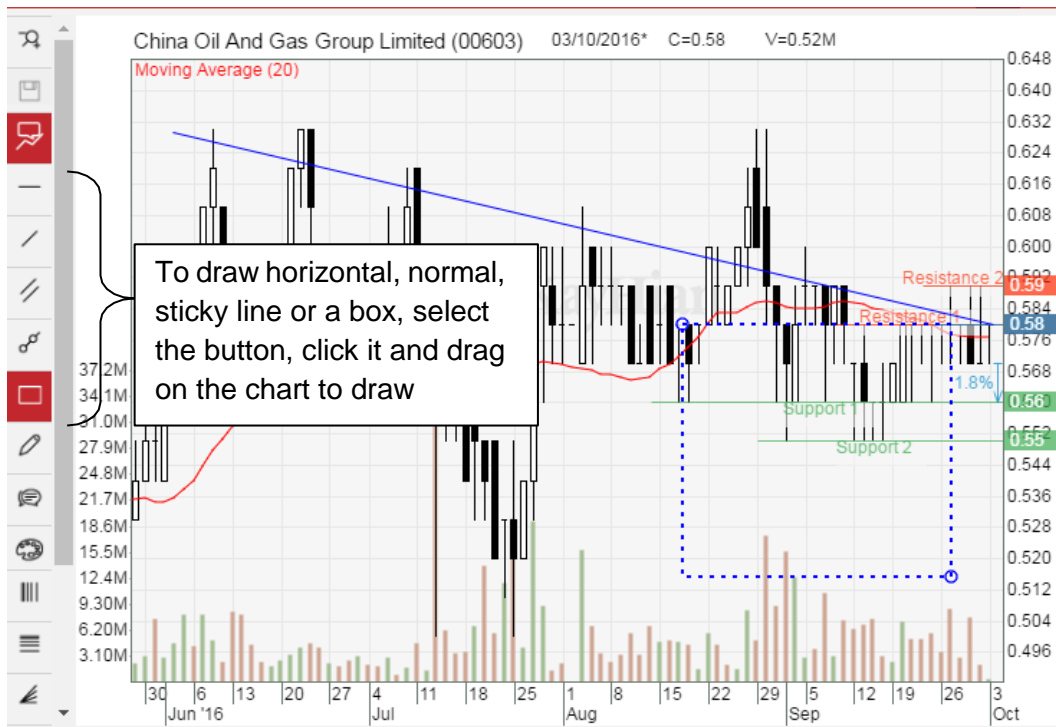
5.6 Labeling data

Click on the data label button to activate the data label showing function. Data label will be constantly visible when you move the mouse cursor on top of the chart.



5.7 Drawing lines

To make analysis easier, you can draw regression line, horizontal line, normal line, parallel line or a box in the chart.



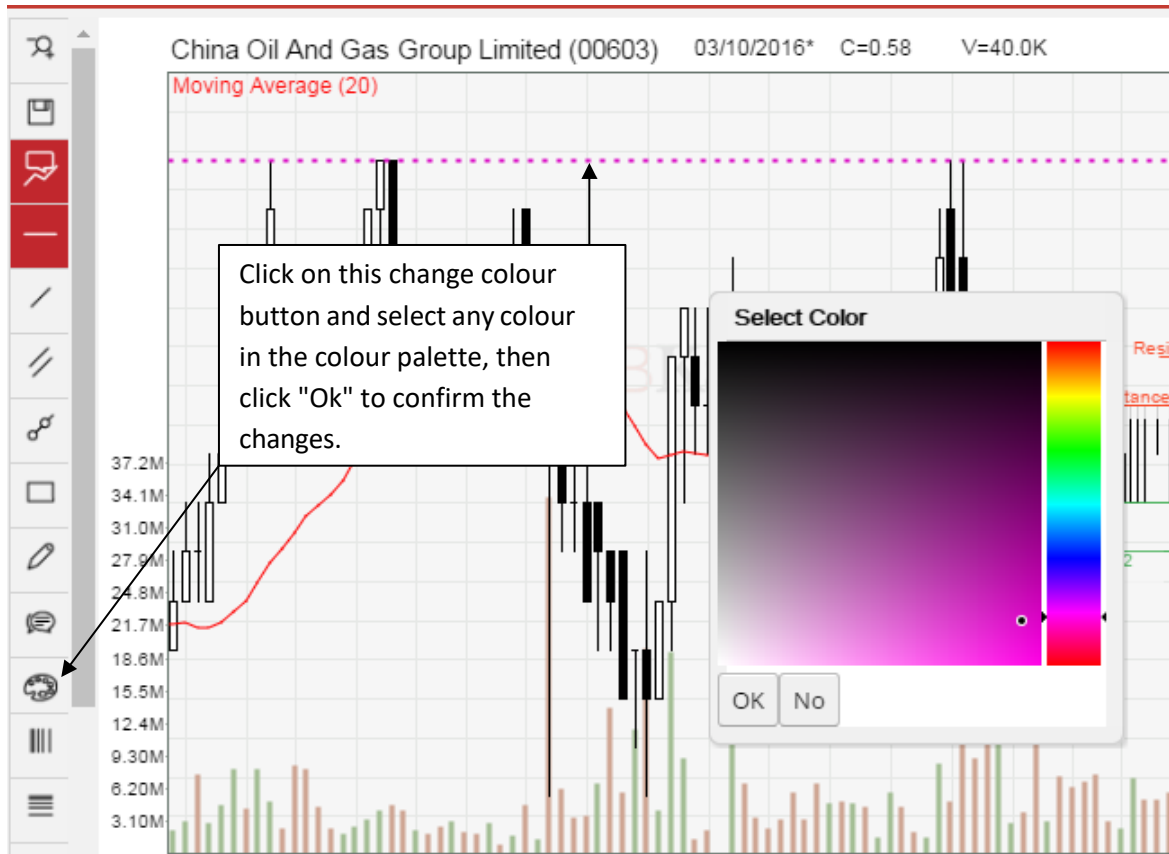
5.8 Adding comments

Adding comments to a chart can help you to record and recall what you have observed. Besides, it will be good too if you are sharing the chart with someone else later and you would like to provide your own insights and comments in it.



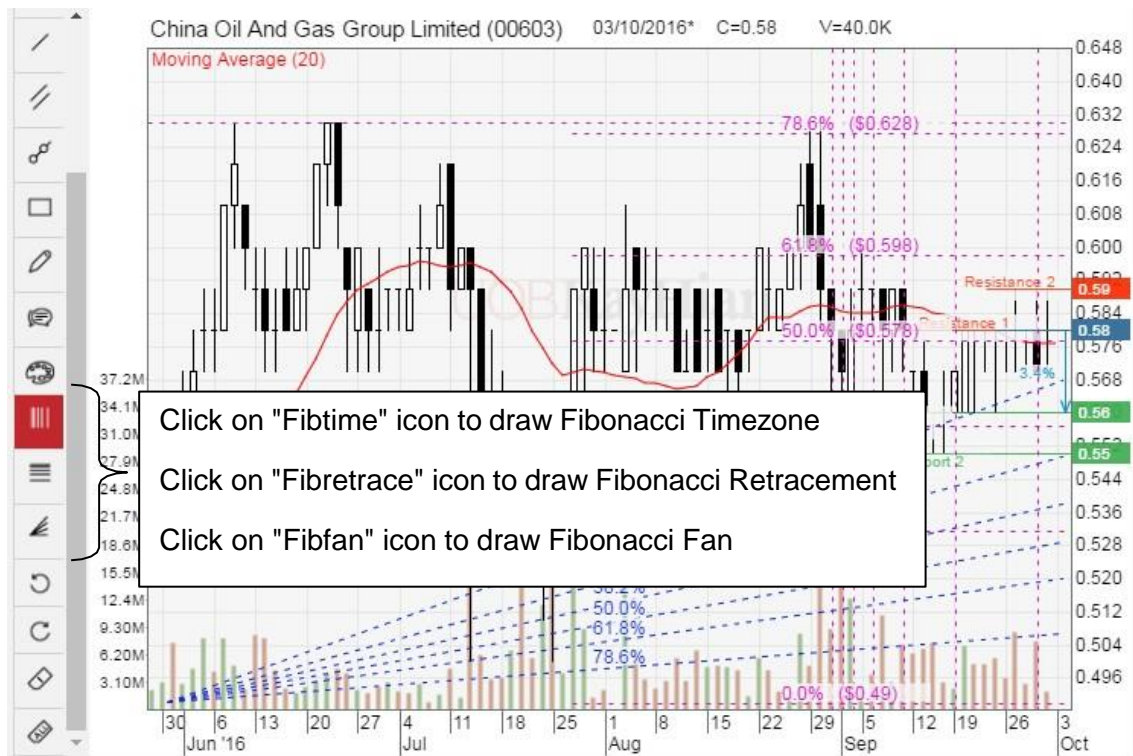
5.9 Changing colour setting

You can change the colour setting for all chart drawing elements. To change the colour, click on Colour button before you insert or add the chart elements. You can also select any drawing on the chart, and change the colour using the below.



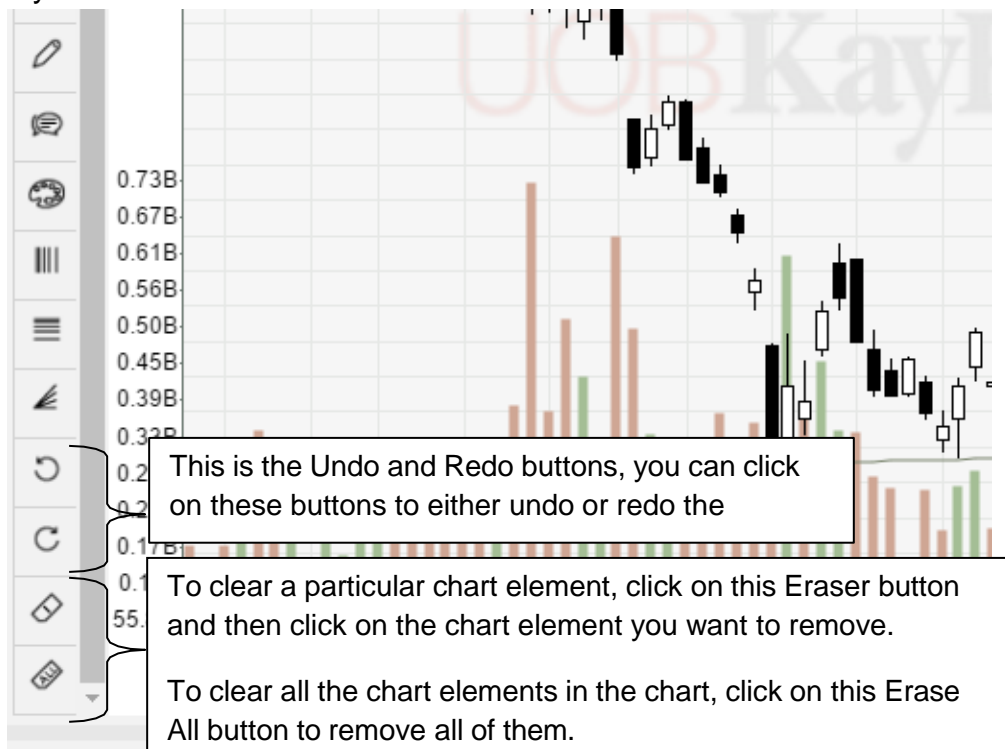
5.10 Fibonacci drawing tools

No charting tool would be complete without the Fibonacci series.



5.11 Redo/Undo actions and Removing chart elements

There are two solutions if you have mistakenly edited the annotations on the chart or if you want to remove it.



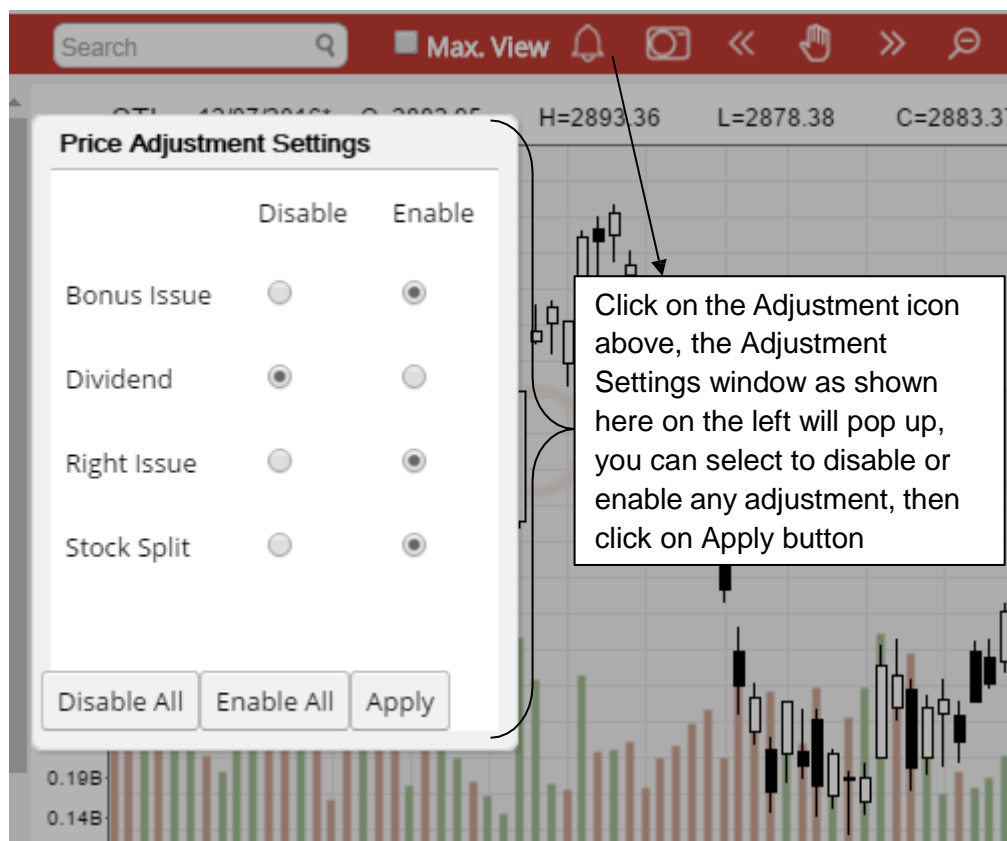
5.12 Enlarging the chart

To view with maximize chart area, click on Max. View to enlarge it.



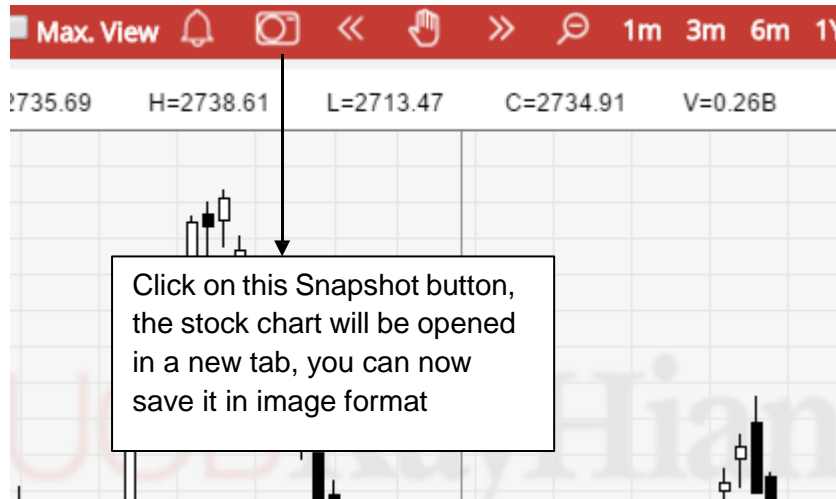
5.13 Price adjustment setting

Corporate actions such as Bonus issue, Dividend, Right issue and Stock split will be shown as a bell on chart. You can enable or disable any corporate action adjustment on your chart here.



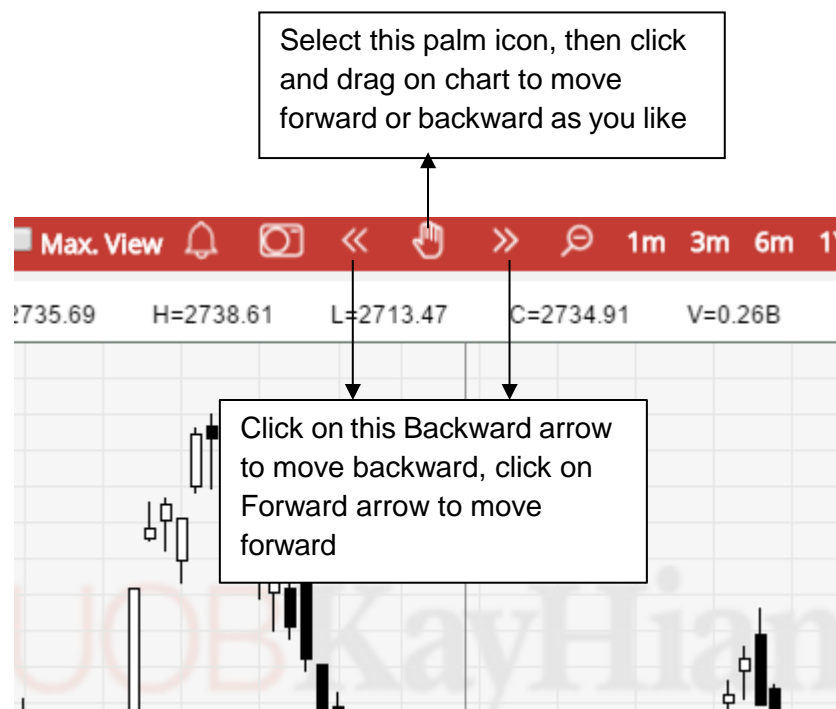
5.14 Saving and Printing Chart

Save all your comments/annotations, lines etc. that you have drawn on the chart as an image file (image format).



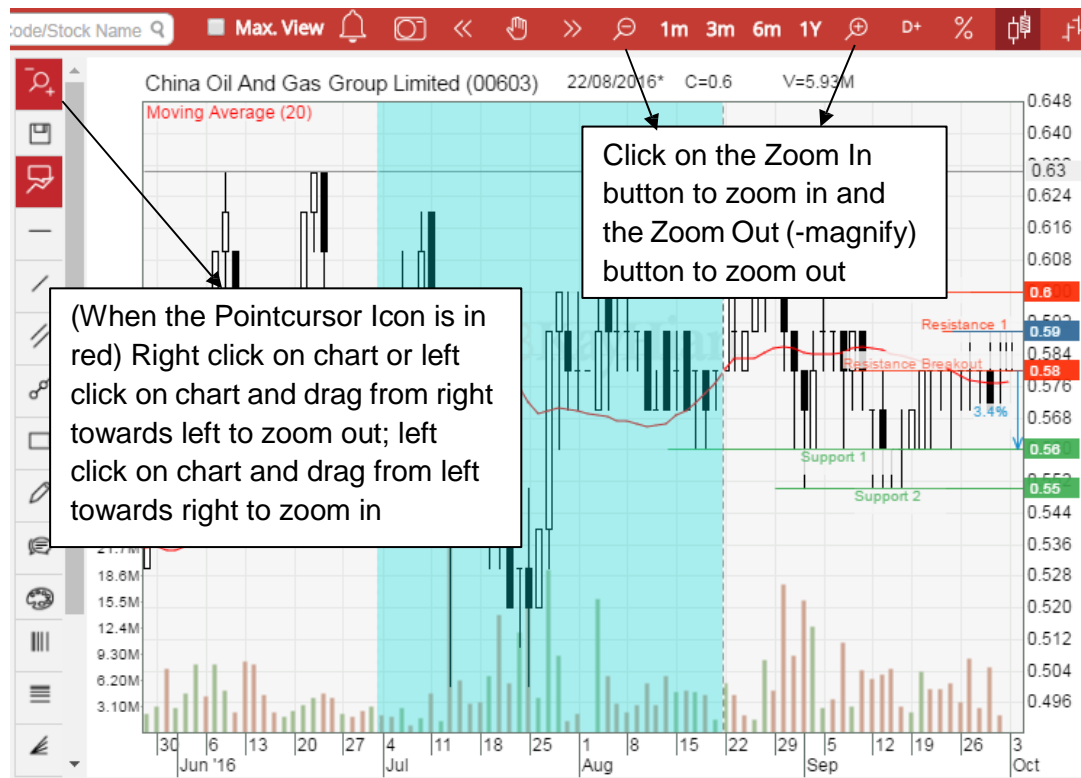
5.15 Navigating the chart

Charts are plotted over a period of time. You can navigate the chart using those navigating buttons.



5.16 Zooming in and out of the chart

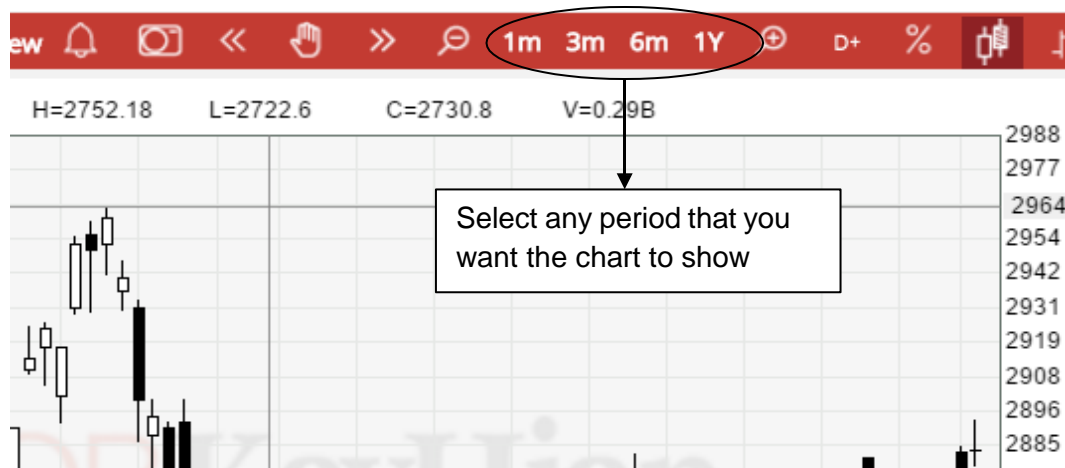
There are several options of zooming feature on the charts:



5.17 Adjust display period of chart

You are given the flexibility to choose between the following viewing duration for the chart:

- 1 month
- 3 months
- 6 months
- 1 year



5.18 Changing the chart time frames

You are able to view intraday (tick, 1 min, 5 min, 10 min, 15 min, 30 min, hourly), daily, weekly and monthly chart.



5.19 Performance chart

Add any stock into the Performance Chart from stock listing window or by the search function, click and drag the vertical line to select a starting point, and check the return% for the time being.



6. Watchlist

You can create watchlists to monitor your favourite stocks with the latest technical analysis and alerts.

Streaming Users

Streaming users can synchronize the created watchlists on HK price quote page with ChartGenie. Under ChartGenie Alerts, you can select a watchlist and the technical information and charts will show accordingly. All the amendments on watchlists should be conducted on the HK price quote page.

The image shows two screenshots. The left screenshot is a screenshot of the HK price quote page, displaying a list of stocks with columns for Price, %Chg, Bid, Ask, Turnover, Event, and Cost. A red box highlights the 'Testing1' watchlist in the 'Quote' section. The right screenshot is a screenshot of the ChartGenie Alerts interface, showing a list of watchlists (Testing1, Testing2, Portfolio3, Portfolio4, Portfolio5) with a red box around the 'Testing1' watchlist. An arrow points from the 'Testing1' watchlist in the HK price quote page to the 'Testing1' watchlist in the ChartGenie Alerts interface.

Quote	Testing1	Price	%Chg	Bid	Ask	Turnover	Event	Cost
Multi-Quote	Testing1	3.150	0.000	93.150	93.200	619.127M		
War / CBBC	Testing2	7.750	+1.119	67.750	67.800	1.524B	Latest Dividend	
Futures / Opt	Portfolio3	0.100	-0.778	70.100	70.150	243.615M		
A-Share Info	Portfolio4	0.900	-0.323	30.850	30.900	5.858M		
Transaction	Portfolio5	3.970	+3.927	3.970	3.980	2.819B		
Top 50	00388	201.400	+1.820	201.200	201.400	2.471B		
Sector	00067	1.250	0.000			Suspended		
Index / Forex	00556	1.420	-5.960	1.410	1.420	3.368M		
Broker	00095	2.180	+0.926	2.170	2.180	2.728M		
Portfolio	00022	0.270	-1.818	0.265	0.270	75.000		
ET Net News	00115	0.250	-1.961	0.250	0.255	597.500		
Chart	00002	78.050	-0.064	78.000	78.050	157.001M		
Prosticks	01113	52.700	+0.190	52.650	52.700	254.208M		
ChartGenie	00288	5.930	-0.836	5.930	5.940	121.382M		

Snapshots Users

Snapshots users can directly create and amend watchlists on ChartGenie.

The screenshot shows the ChartGenie Watchlist interface with several callouts:

- Enter a new name to rename an existing watchlist**: Points to the 'Rename' button next to 'Portfolio2'.
- Click to delete the selected watchlist**: Points to the red minus button next to 'Portfolio2'.
- Search stocks by names or stock codes**: Points to the search bar above the stock list.
- Your created watchlists**: Points to the 'Watchlist' header area.
- Select a stock and click the delete button to remove the stock from the watchlist**: Points to the trash icon next to '00011 Hang Seng Bank' in the watchlist table.
- Select a stock to be added to a watchlist**: Points to the 'Insert' button at the bottom of the stock list.
- Enter a name to create a new watchlist. No space is allowed in the name**: Points to the 'Create Watchlist' form at the bottom.

COMPANY CODE	COMPANY NAME
<input type="checkbox"/> 00011	Hang Seng Bank
<input type="checkbox"/> 00023	Bank Of East Asia Limited
<input type="checkbox"/> 00416	Bank Of Jinzhou
<input type="checkbox"/> 00000	iShares S&P Bse Se (Core S&P Bse Sensex India Cny Etf) (00000)
<input type="checkbox"/> 00003	Hongkong & China Gas Co. Ltd.
<input type="checkbox"/> 00004	Wharf(Hldgs)
<input type="checkbox"/> 00006	Power Assets Holdings Ltd.
<input type="checkbox"/> 00010	Hang Lung Group
<input type="checkbox"/> 00012	Henderson Land Development Co

When you go back to the Homepage of ChartGenie, you can see that the new/ amended watchlists have been updated under Alerts.

The screenshot shows the Alerts section of ChartGenie. A red box highlights the following watchlists:

- 投資組合 1
- Portfolio2
- 投資組合 2
- Portfolio1