

# **63 moons technologies limited**

## **FEATURE LIST FOR ODIN ADVANCED CHARTS**

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**63 moons technologies ltd** (Formerly Financial Technologies (India) Limited), is India's leading provider of Exchange Bridge and net enabling software products and a frontrunner in powering Global digital e-Xchange markets for Equity, Debt, Money Market, Foreign Exchange, Commodity and Derivatives. 63 moons's e-Xchange Trading Platform™ enables enterprises to offer exchange market based products and services to their clients. It supports high transaction density for an ever-expanding marketplace by delivering performance scalability, open architecture and deployment flexibility.

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## ODIN Advanced Charts

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### Odin™ Advanced Charting: Feature List

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#### Product Overview

63 moons technologies limited (Formerly Financial Technologies (India) Limited) has introduced Charting in Odin™ TWS and Odin™ Diet for Technical Analysis of stocks and futures. User will get the graphical representation of scrip prices along with accompanying indicators and line studies. A chart can contain price plots, indicators, line studies, text, etc. User can plot Indicators on chart in order to view intraday stock analysis, historical analysis and future predictions.

#### Feature List

##### ▶ Price Charts

Facility to view Charts with following Price Styles in Advanced Charting module:

- Candle
- Standard bar
- Line
- **Point & Figure**
- **Renko**
- **Kagi**

Further facility to provide input parameters for following price styles:

- Point & Figure
- Renko
- Kagi

##### ▶ Studies & Indicators

Facility to view **75+ indicators** in advanced charting module.

##### ▶ Data Window:

Facility to invoke data window to **view all added indicator values as price and volume values in a single box**. Displayed values are the data record of the bar at mouse cursor point and values change on mouse move to a different bar.

##### ▶ Drawing Tools

Facility to view **18+ Drawing Tools** in advanced charting module

##### ▶ Tools Auto Save:

- Facility to draw tools or place objects on the chart

- ▶ **Saved tools/objects will be automatically loaded** when user selects the same scrip/symbol and invokes charts, changes scrip, or changes period.
- ▶ **Preference setting**  
Facility to set **chart preferences** for various charting parameters as per user's choice
- ▶ **Save and load indicator template**  
Facility to **save indicator template** of added indicators of user's choice and **load** it to apply on any scrip.
- ▶ **Export Chart Values to Excel**  
Facility to **export values of scrip price, volume and if any indicator added on chart to excel file.**
- ▶ **Order entry from chart**  
Facility to **place buy or sell orders** by invoking order entry from chart window.
- ▶ **Market Segments Covered**  
Following Market Segments are covered
  - ▶ NSE EQ
  - ▶ NSE F&O
  - ▶ NSECDS
  - ▶ BSE EQ
  - ▶ MSE EQ
  - ▶ MSE F&O
  - ▶ MSE Currency
  - ▶ MCX
  - ▶ NCDEX
- ▶ **Back History**
  - ▶ The Historical data (Over 10 years) can be viewed on chart as daily, weekly, monthly Quarterly and Yearly.
  - ▶ **Shortcut keys** are provided to change the chart to daily D, weekly W, monthly M, Quarterly Q, and Yearly Y
- ▶ **Chart Panels**
  - ▶ Facility to **open Sixteen charts of different scrips** at a time
  - ▶ Facility to save charts along with indicators as templates and same can be loaded later.
  - ▶ Facility to auto save Tools drawn on individual scrips.
  - ▶ Facility to **print charts** along with tools and added indicators.

- ▶ **Chart panel setting**
  - Facility to select chart color, fore color, back color, gradient color etc.
- ▶ **Zoom and Zoom reset**
  - Facility to **zoom chart area** for a closer look at and reset the chart to pre-zoom status.
- ▶ **Change Chart Time frame**
  - Facility to change time period of the chart intraday and historic. User can also specify his **own custom intraday time period** or chose from **predefined time periods**.
- ▶ **Increase decrease bars**
  - Facility to **increase decrease bars** along with zoom chart option with shortcuts. Shortcut for increase bars is multiplication sign (\*) or star on key board and shortcut for decrease bars is slash (/)or division sign on key board.
- ▶ **Support, Resistance and Pivot Level on Intraday Chart**
  - Facility to view **Pivot Level and Four Supports and Four Resistance levels** on intraday chart.
- ▶ **Open, High, Low, Close on top of graph**
  - Facility to see open, high, low and close volume and % change price on the top of the graph.
- ▶ **Study Manager**
  - Facility to manage all added studies and indicators attached on chart using **Study manager**.
  - Facility to add/ modify /delete studies and indicators
  - Facility to **show /hide study, show/hide caption** for studies and indicators.
- ▶ **Create Formula based on Technical Indicators**
  - Facility to create formulae based on Technical Indicators using **Formula Builder**
  - Facility to select the indicator of user's choice and input parameters. Using these parameters user can creates **simple to complex formula** as per selected conditions.
  - Facility to select input periodicity for the formula. Available options are daily, weekly, monthly, quarterly, yearly and intraday and **Source time frame (Time Neutral)**.
  - Facility to create **final combinations to create complex formula**.

▶ **Strategy**

- ▶ Facility to create strategy on the chart and **live track signals on chart** using **Strategy window**
- ▶ Facility of **Complete strategy designing** with Enter Long, Exit Long, Enter Short, Exit Short, Slippage, Stop loss, Trailing stop loss, Target Profit and No Activity Bars.
- ▶ Facility to directly view **profitability of the strategy using return indicator on complete chart data.**
- ▶ Facility to **Plough Back (Reinvest profit/loss)** functionality for Strategy.

▶ **Alerts based on Technical Indicators**

- ▶ Facility to **create alerts based on Technical indicators.**
- ▶ Facility to Live scan tick by tick data for selected formula on complete portfolio and generate Alerts using **Formula Live Scan**. Alerts are updated online. The values can be saved in excel.
- ▶ Facility to view reports of generated alerts using formula by **Formula Report** window. These reports are available in sortable columns showing if condition set in formula builder is satisfied by the scrip in the portfolio or not.
- ▶ Facility to open chart from Formula Live scan and report Window.
- ▶ Facility to save values from **live scan** or **formula report** in **Excel**
- ▶ Facility to **place order from the Live scan or report window** by pressing F1/+ or F2/- buttons. The order entry window populated with the selected scrip.

▶ **Back-test**

- ▶ Facility to back test strategy on the available historical data using **Back Test**.
- ▶ Facility to run back test **on single scrip, or on user defined portfolio.**
- ▶ Facility to run back test for a **particular period or for all data.**
- ▶ **Complete back-test functionality** with Enter Long, Exit Long, Enter Short, Exit Short, Slippage, Stop loss, and Trailing stop loss, Target Profit, plough back and No Activity Bars is provided.
- ▶ **Facilitates Detail Reports with analysis and trade logs** for better testing of created strategies.
- ▶ Indicator Back Test facilitates viewing back test report in **Last Viewed Report window.**

▶ **Synchronization**

- ▶ Facility to **sync chart on basis of Period and Scrip synchronization.**
- ▶ Facility to select 'Scrip' Synchronization option from chart menu, by which all chart windows change to the scrip in selected window.
- ▶ Facility to select 'Period' Synchronization option from chart menu, by which all the scrip in other chart windows will change to the Period in selected window.

▶ **Adv. Tick Watch**

- Facility to **Scan trades and view tick by tick scan report on basis of specified condition.**
- Facility to generate report is generated for the selected portfolio.
- Facility to select conditions based on price range, Total quantity, % change range, total value, % OI change.
- Facility to select conditions created using **condition generator** in additional condition.

▶ **Advanced Filter Watch**

- Facility to view Filtered trades using **Advanced Filter watch**
- Facility to select conditions based on price range, total quantity, % change range, total value, % OI change and auto refresh period.
- Facility to select conditions created using **condition generator** in additional condition.

▶ **Replay Chart**

- Facility to **Replay chart** for a particular period.
- Facility to **see the chart and get the feeling as in live view** of the intraday chart.

▶ **Common Shortcut Keys:**

D	- View Daily Chart
W	- View Weekly Chart
M	- View Monthly Chart
Q	- View Quarterly Chart
Y	- View Yearly Chart
I	- Intraday
C	- Change Scrip A Change Scrip Window Will Be Invoked
T	- Change Chart Time Interval
R	- Chart Replay
E	- Export To Excel
S	- Invoke Add Indicator Window
ESC	- Close Window(Depend On Preference Selection)
Z	- Minimize And Restore Chart
*	- Increase Bars
/	- Decrease Bars
CTRL+D	- Data Window

## Comparison Matrix Basic Chart v/s Advanced Chart

Chart Price Style			
S. No	Name of price Style	Basic	Advanced
1	Standard Bar Chart	✓	✓
2	Candlestick	✓	✓
3	Line	✓	✓
4	Point & Figure	X	✓
5	Renko	X	✓
6	Kagi	X	✓

Chart Tools ( 6 Tools in basic and 19 In Advance)			
S. No	Name of Tool	Basic	Advanced
1	Trend line	✓	✓
2	Speed resistance lines	X	✓
3	Gann fans	X	✓
4	Fibonacci Arcs	X	✓
5	Fibonacci Fan	✓	✓
6	Price Retracement	✓	✓
7	price Extension	X	✓
8	Fibonacci Time zones	X	✓
9	Time Retracement	X	✓
10	Time Extension	X	✓
11	Tyrone Levels	X	✓
12	Quadrant lines	X	✓
13	Horizontal line	✓	✓
14	Buy symbol	X	✓
15	Sell symbol	X	✓
16	Exit symbol	X	✓
17	Text	✓	✓
18	Free Hand (Free Line)	X	✓
19	Cross hair symbol	✓	✓

Studies & Indicators ( Basic - 17 , Advanced- 78)			
S. No	Name of Study / Indicator	Basic	Advanced
1	Accumulative Swing Index	X	✓
2	Adaptive moving average	X	✓
3	ADX R	X	✓
4	Aroon	X	✓
5	Aroon Oscillator	X	✓
6	ATP	X	✓
7	ATR Band	X	✓
8	Average True range	X	✓
9	bear power	X	✓
10	Bollinger bands	✓	✓
11	Bull power	X	✓
12	Chaikin Money flow	X	✓
13	Chaikin Oscillator	X	✓
14	Chaikin's volatility	X	✓
15	Chande vidya Average	X	✓
16	Change( Source)	X	✓
17	Commodity Channel Index	X	✓
18	Congestion index	X	✓
19	Cumulative average	X	✓
20	Demark indicator	X	✓
21	Directional Movement System	X	✓
22	Double Exponential Moving Average	X	✓
23	Ease of movement	X	✓
24	Exponential moving average	✓	✓
25	Fast Stochastic Oscillator	X	✓
26	Gap Down	X	✓
27	Gap Up	X	✓
28	Hull Average	X	✓
29	Ichimoku	X	✓
30	Know Sure Things	X	✓
31	Linear Regression Forecast	X	✓
32	Linear Regression Intercept	X	✓
33	Linear Regression R Squared	X	✓
34	Linear Regression Slope	X	✓
35	MACD	✓	✓
36	MACD Histogram	X	✓
37	Mass index	X	✓
38	Median Price	X	✓



39	Momentum Oscillator	✓	✓
40	Money flow index	✓	✓
41	Moving Average Envelope	X	✓
42	Negative Volume Index	X	✓
43	On Balance Volume	✓	✓
44	Open Interest / Delivery Quantity	X	✓
45	Parabolic SAR	✓	✓
46	Pivot Point	X	✓
47	Positive Volume Index	X	✓
48	Price oscillator	✓	✓
49	Price Rate Of Change	✓	✓
50	Range Expansion Index	X	✓
51	Relative strength index	✓	✓
52	Simple moving average	✓	✓
53	Slow Stochastic Oscillator	X	✓
54	Smoothened RSI	X	✓
55	Standard Deviations	✓	✓
56	Stochastic Oscillator	✓	✓
57	Stochastic RSI	X	✓
58	Super Trend	X	✓
59	Swing Index	X	✓
60	Time Series Moving Average	X	✓
61	Triangular Moving Average	X	✓
62	Triple Exponential Moving Average	X	✓
63	Trix	X	✓
64	True Range	✓	✓
65	True Strength Index	X	✓
66	Typical Price	X	✓
67	Ultimate Oscillator	X	✓
68	Value	X	✓
69	volume adjusted average	X	✓
70	Volume oscillator	X	✓
71	Volume Rate Of Change	X	✓
72	Weighted moving average	X	✓
73	Weighted Close	✓	✓
74	Welles Wilder Moving Average	✓	✓
75	Williams accumulation/distribution	X	✓
76	Williams R%	✓	✓
77	Zero lag exponential moving average	X	✓
78	Zig Zag	X	✓

Other Key Features			
S. No	Key Feature	Basic	Advanced
1	Scrip Sync	X	✓
2	Period Sync	X	✓
3	Load/Save Indicator template	X	✓
4	Load/Save chart	X	✓
5	Save To CSV	X	✓
6	Save as Image(PNG)	X	✓
7	Max Number of charts at a time	4	16
8	Zoom in	✓	✓
9	Tooltip	✓	✓
10	Mouse click functions on Price style window or add indicator window	✓	✓
11	Formula Builder / Live Scan and Report	X	✓
12	Live Scan Alerts on Technical Formula	X	✓
13	Technical Formula based Report	X	✓
14	Technical Backtest	X	✓
15	Technical Backtest Report	X	✓
16	Attach Formula	X	✓
17	Attach strategy /Return indicator	X	✓
18	Chart Replay	X	✓
19	Archive Chart	X	✓
20	Add scrip	X	✓
21	Strategy template	X	✓
22	Default exchange and symbol for chart	✓	✓
23	Separation lines in drawing preference	X	✓
24	Carry Forward Strategy	X	✓
25	Auto Strategy on Chart	X	✓
26	Carry Forward Indicator	✓	✓

Chart Data			
S. No	Data	Basic	Advanced
1	EOD Data	1 Year	Over 10 Years as per data availability in ODIN Feed
2	Intraday Data	1 Day i.e. only current day data	No intraday data will be provided. Data will be accumulated at member end.

Max 25 days (excluding current day data) intraday data is allowed in graph feed mode.  
If any member needs more days intraday data needs to shift to flat file mode.