

**EA need to follow these rules:**

**Entry:**

FX Power: (no source code for this indicator available)

<https://www.mql5.com/en/market/product/15422>

Currency 1:  $\geq 6$   
and  
Currency 2:  $\leq 4,5$

**or**

Currency 1:  $\geq 4$   
and  
Currency 2:  $\leq 3$

**or**

Currency 1:  $\geq 3$   
and  
Currency 2:  $\leq 1,5$

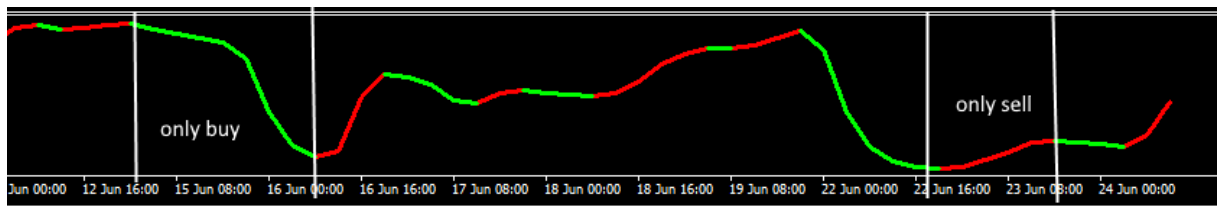
(EA should also work if I use more then 1 FX Power, f.e. 3 days and 1 week. Then these values refer to all currency strength lines)

Please make this values above changeable in EA's settings.

Example how these settings should look in EA:

Variable	Value
	On/off
Currency 1	$\geq 6$
Currency 2	$\leq 4,5$
	On/off
Currency 1	$\geq 4$
Currency 2	$\leq 3$
	On/off
Currency 1	$\geq 3$
Currency 2	$\leq 1,5$

- 2) Synthetic VIX is green for buy trade / red for sell trade (source code available)



- 3) FX Trend shows green line for buy trade / red line for sell trade (no source code for FX Trend available)

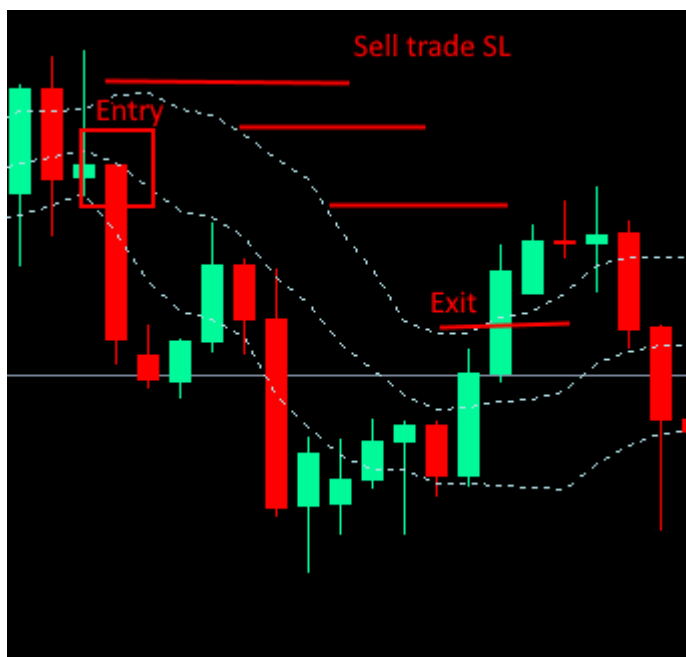
<https://www.mql5.com/en/market/product/14852>



## Exit:

- 1) SL of buy order follows the lower Bollinger Bands line
- 2) SL of Sell order follows upper Bollinger Bands line

Also the initial SL is set on these values. The SL rule is for both orders.



- 3) One of these 2 orders is closed when Risk / Reward Ratio of 1 or 0,5 (selectable in EA's settings) according to initial Stop is reached.  
F.e Risk/Reward 1: Sell Entry: 1.08400 , Initial Stop: 1.08800 => Initial Stop is 40 pips.  
Please close one of these 2 orders if price reaches 1.08000 (40 pips profit)
- 4) TP for both orders: 0 = off; or X pips

- 5) Virtual Breakeven for both orders (so it will not interfere with hard SL from Bollinger Bands  
0 = off; or X Pips; settings: BE start, BEpipsplus

### **Order management and general information:**

- EA shouldn't open positions if all conditions met directly rather wait for end of the current candle. (because of repainting until the current candle is finished)  
When at the time when a new candle starts the conditions still given => open order

Example: Timeframe H1: All conditions met at 12:40. Don't open order. If all conditions still met at 13:00:01 => open orders. If not => don't open orders.

- EA opens 2 orders if conditions met (because of different exit strategies, please see above)
- Automated lotsize calculation according to initial SL („Risk of equity“, f.e. 1%)
- If one basket of 2 orders opens, a second basket of 2 new orders is only allowed on the same symbol, if risk of first basket is  $\geq 0$ . (because virtual or hard SL is  $\geq$  breakeven)
- Important settings of indicators should also be used in EA. F.e. FX Trend periods, FX Trend deviation, FX Power period, Vix period, VIX stochastic period, Bollinger Bands period, Bollinger Bands deviation, a buffer for Bollinger bands, so that the SL is X pips below the lower band and x Pips above the upper band (not directly on the bands)
- Magic Number. This EA should run in one terminal on several different symbols

## **2nd EA**

I would like to have a Scalper EA which opens positions based on FX Power (see above) at the middle line of Bollinger Bands, sets a SL and a TP.

### **Entry:**

- FX Power: One currency is stronger than another currency
- Market entry when price touches the middle line of Bollinger Bands

### **Exit:**

- Take profit: buy trade: upper band + buffer; sell trade: lower band + buffer.
- Stop loss: buy trade: lower band + buffer; sell trade: upper band + buffer
- There is only one Exit rule. If currencies change before a TP or SL was reached (f.e. EUR was stronger than USD and then FX Power crosses. Now USD is stronger.  
=> The trade will be closed immediately.

### Settings and general information:

- Maximum distance between middle line and current opening price allowed (to prevent that a trade will open when price moved to far away from middle line)
- Automated lotsize calculation according to initial SL („Risk of equity“, f.e. 1%)
- Only 1 order per symbol (one buy or one sell)
- If one order open, no second order is allowed to open on the same symbol
- only 1 trade per current candle
- Important settings of indicators should also be used in EA. F.e. FX Power period, Bollinger Bands period, Bollinger Bands deviation, a buffer for Bollinger bands, so that the SL is X pips below the lower band and x Pips above the upper band (not directly on the bands)
- Because FX Power repaints until current candle is finished: EA shouldn't open positions if all conditions met directly rather wait for end of the current candle. Current candle: 1  
When at the time when a new candle starts the conditions still given => open order (candle 2)
- Magic Number. This EA should run in one terminal on several different symbols

### Examples:





Exit rule:



Trade opened on candle  
2. Because no Stop and  
TP reached, trade will  
closed when USD gets  
stronger then EUR.\*  
=> red line

\* for minimum the last  
candle because of  
repainting

