

# createBuySellStrategy

This function creates an unsigned transaction to create a strategy, using a buy/sell format.

```

Copy public createBuySellStrategy( baseToken: { address: string; decimals: number }, quoteToken: { address: string; decimals: number }, buyPriceLow: string, buyPriceHigh: string, buyBudget: string, sellPriceLow: string, sellPriceHigh: string, sellBudget: string, overrides?: PayableOverrides )

```

Name Type Description  
baseToken object {token address, number} An object containing a token address and a string with the number of decimal places used for the given token.  
quoteToken object {token address, number} An object containing a token address and a string with the number of decimal places used for the given token.  
buyPriceLow string (number) The lowest price at which to buy the quote token, in the form of quoteTokens per 1 baseToken.  
buyPriceHigh string (number) The highest price at which to buy the quote token, in the form of quoteTokens per 1 baseToken.  
buyBudget string (number) The number of base tokens to start the strategy with.  
sellPriceLow string (number) The lowest price at which to buy the base token, in the form of baseTokens per 1 quote token.  
sellPriceHigh string (number) The highest price at which to buy the base token, in the form of baseTokens per 1 quote token.  
sellBudget string (number) The number of quote tokens to start the strategy with.  
overrides object (optional) This optional object contains transaction parameters, such as gas price, Eth value, etc. See [overrides in the Ethers documentation](#) for details.

## Returns

This function returns an unsigned transaction that is ready to sign and submit to the blockchain.

## Example:

```

Copy createBuySellStrategy( {"0x514910771AF9Ca656af840dff83E8264EcF986CA", 18}, // LINK token, 18 decimal places {"0xEeeeeEeeeEeEeeEeEeEEEEEEEEEEEEEEEE", 18}, // ETH token, 18 decimal places "0.05", // Lowest number of ETH per LINK "0.07", // Highest number of ETH per LINK "1877.3", // number of LINK to start the strategy with "25", // Lowest number of LINK per ETH "30", // Highest number of LINK per ETH "5.2", // number of ETH to start the strategy with null // optional overrides - skipped )

``` [Previous](#) [composeTradeBySourceTransaction](#) [Next](#) [updateStrategy](#) Last updated 2 months ago On this page