



交易進出資料

In [8]: pf.orders.records_readable

Out[8]:

	Order Id	Column	Timestamp	Size	Price	Fees	Side
0	0	Close	2018-01-19	39.083250	255.5	14.229723	Buy
1	1	Close	2018-04-17	39.083250	238.0	13.255084	Sell
2	2	Close	2018-07-27	37.935955	244.5	13.217361	Buy
3	3	Close	2018-10-19	37.935955	236.0	12.757862	Sel
4	4	Close	2019-02-15	39.327779	227.0	12.721553	Buy
5	5	Close	2019-05-28	39.327779	230.5	12.917701	Sel
6	6	Close	2019-07-18	35.587616	254.0	12.880938	Buy
7	7	Close	2020-02-25	35.587616	322.0	16.329378	Sel
8	8	Close	2020-05-12	38.734238	295.0	16.282905	Buy
9	9	Close	2021-03-30	38.734238	597.0	32.952184	Sel
10	10	Close	2021-06-18	38.239684	603.0	32.858404	Buy
11	11	Close	2021-08-10	38.239684	591.0	32.204506	Sel
12	12	Close	2021-09-07	36.172289	623.0	32.112854	Buy
13	13	Close	2021-10-12	36.172289	575.0	29.638669	Sel

交易圖表繪製

In [9]: fig = price.vbt.plot(trace_kwargs=dict(name='Close'))
sma20.vbt.plot(trace_kwargs=dict(name='Fast MA'), fig=fig)
sma60.vbt.plot(trace_kwargs=dict(name='Slow MA'), fig=fig)
pf.positions.plot(close_trace_kwargs=dict(visible=False), fig=fig)



交易獲利統計

In [10]: pf.total_profit()

Out[10]: 12810.465836410984

交易數據圖表統計

n [11]: pf.stats()		
ut[11]: Start	2017-01-16 00:	00:00
End	2022-01-14 00:	00:00
Period	1220 days 00:	00:00
Start Value		0.000
End Value	22810.4	65836
Total Return [%	128.1	04658
Benchmark Retur	n [%] 274.3	73259
Max Gross Expos	ure [%]	100.0
Total Fees Paid	313.	91344
Max Drawdown [%	22.	78361
Max Drawdown Du	ration 294 days 00:	00:00
Total Trades		8
Total Closed Tr	ades	7
Total Open Trad	es	1
Open Trade PnL	2041.0	38562
Win Rate [%]	42.8	57143
Best Trade [%]	10	1.942
Worst Trade [%]	-7.9	78676
Avg Winning Tra	de [%] 43.2	15052
Avg Losing Trad	e [%] -5.2	82993
Avg Winning Tra	de Duration 142 days 08:	00:00
Avg Losing Trad	e Duration 42 days 06:	00:00
Profit Factor	4.1	84494
Expectancy	1538.4	89611
Sharpe Ratio	1.2	57654
Calmar Ratio	1.2	28135
Omega Ratio		73975
Sortino Ratio		43647
Name: Close, dt		