Grouped Volatility Optimization Results

Default Parameters:
    BACK_CANDLES = 5
    CANDLE_SIZE_PIPS = 15
    TP_PIPS = 20
    SL_PIPS = 15
    FUTURE_CANDLES = 10
    FOLLOW_DIRECTION = True

Parameter Grid Tested:
    BACK_CANDLES: [1, 5, 10, 50]
    CANDLE_SIZE_PIPS: [5, 15, 25, 50]
    TP_PIPS: [10, 20, 50]
    SL_PIPS: [5, 15, 50]
    FUTURE_CANDLES: [2, 10, 50]
    FOLLOW_DIRECTION: [True, False]

Top 10 Results:
    1) Final Equity: 89496.00, Max DD: 82.00%, Trades: 2155
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=15, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=1(
    2) Final Equity: 89200.00, Max DD: 82.00%, Trades: 2148
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=15, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=5(
    3) Final Equity: 83440.00, Max DD: 98.52%, Trades: 2155
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=15, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=2,
    4) Final Equity: 77964.00, Max DD: 124.00%, Trades: 1805
        BACK_CANDLES=5, CANDLE_SIZE_PIPS=25, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=1(
    5) Final Equity: 77800.00, Max DD: 124.00%, Trades: 1800
        BACK_CANDLES=5, CANDLE_SIZE_PIPS=25, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=5(
    6) Final Equity: 72000.00, Max DD: 34.00%, Trades: 620
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=25, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=5(
    7) Final Equity: 71800.00, Max DD: 34.00%, Trades: 621
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=25, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=1(
    8) Final Equity: 70936.00, Max DD: 34.00%, Trades: 621
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=25, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=2,
    9) Final Equity: 70396.00, Max DD: 70.84%, Trades: 2155
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=15, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=1(
    10) Final Equity: 70000.00, Max DD: 68.00%, Trades: 2148
        BACK_CANDLES=1, CANDLE_SIZE_PIPS=15, TP_PIPS=10, SL_PIPS=5, FUTURE_CANDLES=5(