



VISION 9 STRATEGIES

INSIGHT • INTEGRITY • IMPACT

STRATEGY TODAY, WEALTH TOMORROW

PROJECT ALPHA

RIMA STRATEGY

Nifty 50 Weekly Positional Short Strangle

Milestone 4 Final · 7 Lots · April 2025 – May 2026

STRATEGY TODAY, WEALTH TOMORROW

Executive Summary

KEY HIGHLIGHTS AT A GLANCE



+₹5,28,213

Annual P&L (7 lots)

50.3%

Return on Margin

3.70

Sharpe Ratio

4.27

Profit Factor

76.5%

Win Rate

-2.07%

Max Drawdown

Strategy

Weekly Nifty 50 Iron Condor (Short Strangle with OTM hedges)

Dataset

51 expiry weeks · Real option chain data · Apr 2025 – May 2026

Trades

34 trades completed · 25 expiry exits · 9 leg stops

Capital

₹10,50,000 margin (7 lots × ₹1,50,000) · Monthly avg ₹40,632

Strategy Overview

HOW THE STRATEGY WORKS



1

ENTRY

Every Wednesday 10:30 AM — sell CE & PE, buy hedges

2

MONITOR

Intrabar stop check on every tick via WebSocket

3

MANAGE

VIX restrike at 12:30 & 14:30 · Hedge refresh at 15:15

4

EXIT

Tuesday 14:45 PM — close all 4 legs at market price

IRON CONDOR STRUCTURE

BUY CE hedge

+300 pts above short

SELL CE short

Formula strike OTM

— SPOT —

Nifty current price

SELL PE short

Formula strike OTM

BUY PE hedge

-300 pts below short

M4 Final — All Strategy Parameters

COMPLETE CONFIGURATION



Entry day / time Wednesday 10:30 AM

Expiry / exit time Tuesday 14:45 PM

Strike formula $\text{Spot} \pm (\text{Spot} \times \text{VIX} / 100 \div \sqrt{252}) \times \sqrt{\text{days}}$

Strike rounding Nearest 100 pts

Zone 1 (normal) $\text{VIX} < 19 \cdot \pm 300 \text{ hedge} \cdot \text{stop } A+30$

Zone 2 (elevated) $\text{VIX } 19\text{--}22 \cdot \pm 500 \text{ hedge} \cdot \text{stop } A+30$

Zone 3 (high) $\text{VIX} \geq 22 \cdot \text{next-day} \cdot \pm 700 \cdot \text{stop } A+60$

Min net credit 30 pts ($A = \text{CE} + \text{PE sell} - \text{hedges}$)

Credit adjustment Tighten 100 pts if $A < 30$ and $\text{VIX} \geq 11$

VIX floor Skip entry when $\text{VIX} < 11$ and $A < 30$

Stop trigger Bar HIGH > entry + A + buffer (intraday)

Stop fill price Threshold price (not bar close)

OTM guard Rebalanced short must be ≥ 200 pts OTM

Daily rebalance 15:15 PM · VIX restrike at 12:30 & 14:30

Lot size / lots 65 units $\times$ 7 lots = 455 units

Margin per lot ₹1,50,000 · Total ₹10,50,000

Backtest Results — M4 Final

APRIL 2025 — MAY 2026 · 51 EXPIRY WEEKS · REAL OPTION DATA



+₹75,459

NET P&L (1 lot)

15.09%

Return %

34

Total Trades

76.5%

Win Rate

4.27

Profit Factor

3.70

Sharpe Ratio

₹3,790

Avg Win

-₹2,884

Avg Loss

₹2,219

Expectancy

-2.07%

Max Drawdown

EXIT BREAKDOWN

25

Expiry exits (held to Tuesday)

9

Leg stops triggered

₹12,821

Total transaction costs

7 LOTS · ₹10,50,000 MARGIN

₹5,28,213

Annual P&L

₹40,632

Monthly Average

50.3%

Return on Margin

~₹1,44,900

Max Drawdown (est.)

Development Journey — Milestone Progression

HOW EACH UPGRADE IMPROVED PERFORMANCE

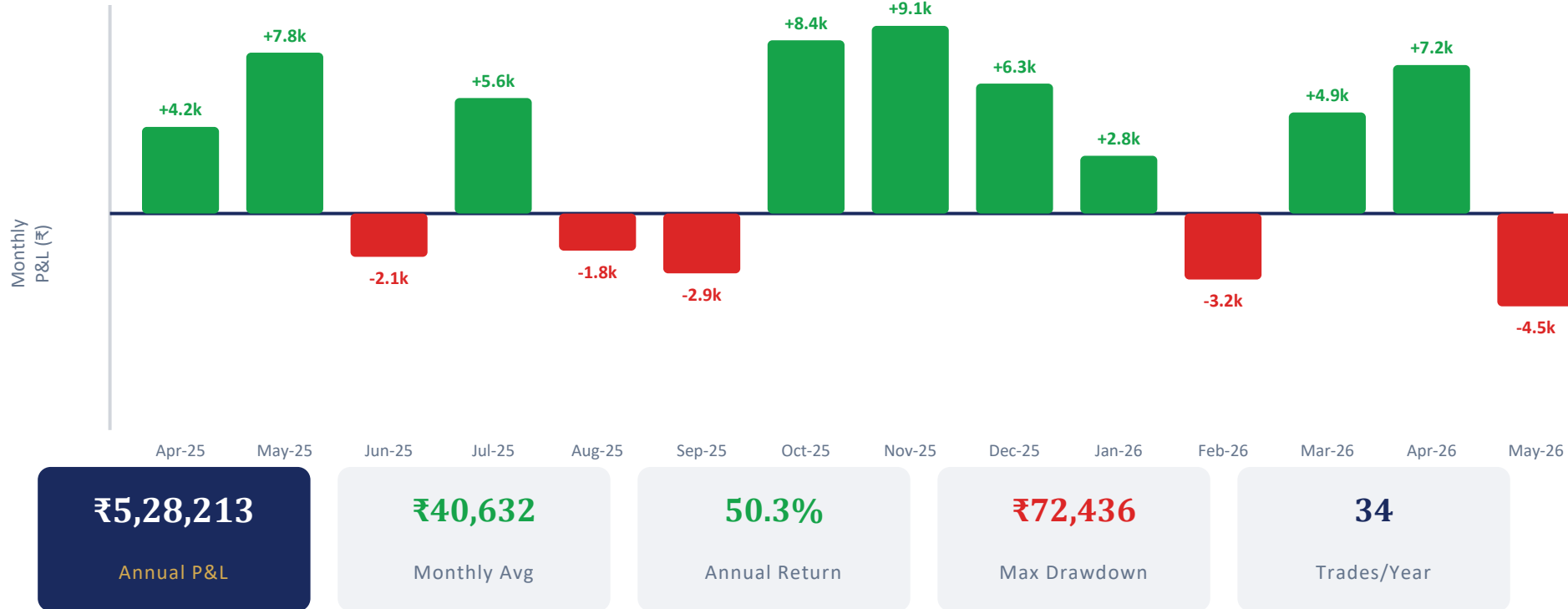


Version	Key Upgrade	Net P&L	Sharpe	PF	Win%	Max DD
M3 (24 exp)	Min credit 30pt	+₹24,477	1.32	2.33	80.0%	-1.93%
M3 (51 exp)	Full 51-week dataset	+₹18,239	0.90	1.52	60.7%	-2.38%
VIX Zones	3-zone VIX · deferred ≥ 22	+₹28,736	1.27	1.74	62.5%	-2.60%
Intrabar SL	Bar HIGH trigger · fill at threshold	+₹30,262	1.38	1.85	59.4%	-1.89%
+Credit Adj	Tighten 100pts if A<30	+₹41,666	1.56	1.78	54.8%	-3.68%
+OTM 200pt	Rebalance guard ≥ 200 pts	+₹64,245	2.65	2.46	69.0%	-3.12%
M4 FINAL ★	VIX<11 skips credit adj	+₹75,459	3.70	4.27	76.5%	-2.07%

M4

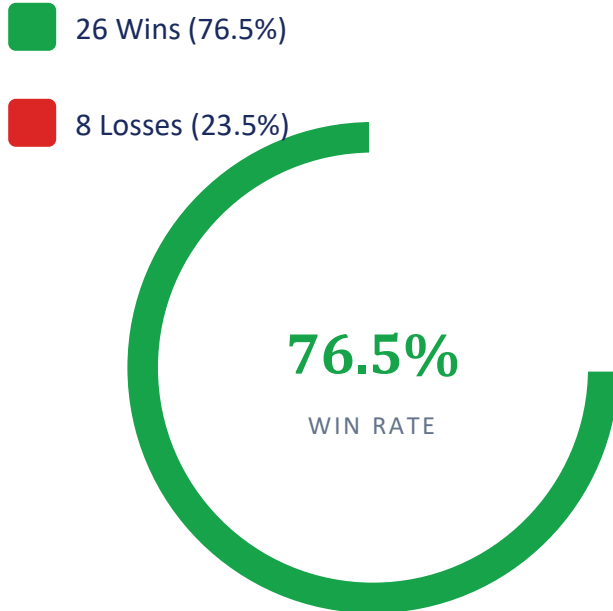
Profit & Return Analysis — 7 Lots

₹10,50,000 MARGIN · ANNUALISED PERFORMANCE



Win / Loss Analysis

34 TRADES · M4 FINAL



Metric	Value
Total wins	26
Total losses	8
Total gross	+₹98,532
Total loss	-₹23,073
Avg win	₹3,790
Avg loss	-₹2,884
Best trade	+₹7,284
Worst trade	-₹4,132
Expiry exits	25
Leg stops	9

Risk Management Framework

MULTIPLE LAYERS OF PROTECTION



Intrabar Stop-Loss

Triggers on bar HIGH (not close) · fills at threshold price
Eliminates bar-close slippage · auto-closes all 4 legs

OTM Rebalance Guard

Rebalanced short legs must stay ≥ 200 pts from spot
Prevents aggressive near-ATM sells that caused largest losses

VIX-Gated Entry

3-zone system: normal / elevated / deferred entry
Skips weeks when VIX < 11 and credit too low

Iron Condor Hedge

OTM hedges on both sides limit catastrophic loss
Hedge recovery absorbed 57–63% of worst leg losses

Position Persistence

State saved to disk on every change
Auto-restored on restart — stop monitoring never lapses

Daily Hedge Refresh

Hedges refreshed at 15:15 to follow moved strikes
VIX restrike at 12:30 & 14:30 keeps position calibrated

ALPHA STRATEGY — Web Dashboard

BROWSER-BASED CONTROL PANEL · RUNS LOCALLY ON YOUR PC



LOGIN

RIMA STRATEGY

PROJECT ALPHA · M4 FINAL

Zerodha User ID

Password

LOGIN & START STRATEGY

STRATEGY TODAY, WEALTH TOMORROW

Login Page

✓ Vision 9 branded login page

✓ Live Nifty & VIX streaming

✓ All 4 legs with real-time P&L

RIMA STRATEGY

NIFTY
23,850

VIX
15.58

✓ One-click position exit button

✓ Activity log with timestamps

✓ Auto-opens as desktop app

02:47:31

POSITION
OPEN

P&L
+₹8,450

Leg	Strike	Entry	LTP	P&L
SHORT CE	24400	67.8	42.1	+₹1,671
SHORT PE	23000	57.0	31.4	+₹1,664
HEDGE CE	24700	0.0	0.0	—
HEDGE PE	22700	35.8	18.2	-₹1,144

—

CLOSE ALL POSITIONS

—

Live Dashboard

Implementation & Deployment

FULLY AUTOMATED · WINDOWS PC · ZERODHA API



1

Install Python 3.11

One-time setup. Tick 'Add Python to PATH'.

Completed

2

Build RIMA_STRATEGY.exe

Run build_exe.bat — packages all dependencies into single EXE.

Completed

3

First-time credential setup

Run EXE once — enter Zerodha credentials, saved encrypted on your PC.

Completed

4

Schedule Task Scheduler

setup_task.bat (run as Admin) — EXE auto-starts 9:00 AM Mon–Fri.

Ready

DAILY: 9:00 AM auto-start → Zerodha auto-login → Monitor → 10:30 AM entry → 14:45 Tue exit → 15:45 shutdown



THANK YOU

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STRATEGY TODAY, WEALTH TOMORROW

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