RESULT REPORT Q1 FY25 | Sector: Consumer Durables

Voltas Ltd

RAC outperformance continues; assign Neutral rating

Result Synopsis

Voltas has delivered better than expected revenue growth with UCP growing by 51% (higher than peers like BLSTR and Lloyd) and EMPS segment growing 40% on improved execution as order backlog continues to be robust. Voltas has outperformed industry in terms of revenue growth in UCP. It's YTD market share of 19.5% has seen improvement of ~50bps, while its June'24 exit market share stood at 21.2%. UCP margins at 8.6% have been lower than estimates as commercial Ac and refrigeration margins were impacted on quality control orders, where company had to sell product at lower prices. Volt-Bek continues to see strong traction with washing machine and refrigerator market share standing at ~8% and 5% respectively. The projects business margins at 7.1% have been positive surprise, the company expects mid-single digit margin in the project business to be sustainable going forward. Order-booking has been subdued as company has been cautious in booking orders and there was impact of elections. The company expects orderbooking to improve from 2HFY25. The company's carried forward book stands at Rs75bn which is 8% lower on yoy basis. On the positive front the arbitration verdict is in the favor of the company and there is the possibility of write-backs, however the process is time consuming. We remain positive on the stock as 1) UCP is expected to continue its outperformance given the strong distribution reach and after sales service; 2) Project business is now expected to be profitable on sustainable basis; 3) Voltas-Beko is getting prominence in the market and losses are coming down. We assign Neutral rating with PT of Rs1,675

Voltas being a market leader with solid distribution presence and increasing product offerings on the commercial refrigeration and RAC segments should further improvement in market share. Q1 has seen continuing outperformance on RAC front with market share gains. Volt-Bek JV has stared gaining prominence in the market and localized production is expected to increase efficiency and bring down losses. Management is guiding for 4-5% margins in the project business to be sustainable vs the losses since past 6 quarters. We now factor in strong RAC revenue growth in FY25with margins of 8.7%. We maintain our multiple in the products business (UCP) and project business as company has started to win back market share without significantly compromising on the margins resulting in SoTp based PT of Rs1,675 with NEUTRAL rating. We see strong momentum for RAC continuing in FY25 on low channel inventory and buoyant demand.

Result Highlights

- Quarter summary Voltas delivered strong revenue growth with revenue growing 46.5% yoy. UCP registered revenue growth of 51%, EMPS (Electromechanical Projects and services) registered growth of 40%.
- UCP -: Revenue grew 51% yoy. UCP business has outperformed industry and peers. UCP volumes grew by 67% in Q1. Its market share in RAC stood at 19.5% as on YTD March'24.

Exhibit 1: Actual vs estimates

Rsmn	Actual	Estimate		% Va	ariation	Remarks	
KSIIII	Actual	YES Sec	Consensus	YES Sec	Consensus	Kelliarks	
Sales	49,210	48,079	45,330	2.4	8.6	Market share	
EBITDA	4,238	3,720	3,250	13.9	30.4	gains and	
EBITDA Margin (%)	8.6	7.7	7.2	90 bps	140 bps	turnaround of project business leads to	
Adjusted PAT	3,350	2,815	2,410	19.0	39.0	outperformance	



Reco	:	NEUTRAL
СМР	:	Rs 1,532
Target Price	:	Rs 1,675
Potential	:	+9.4%

Stock data (as on Aug 16, 2024)

Nifty	24,541
52 Week h/I (Rs)	1599 / 794
Market cap (Rs/USD mn)	512971 / 6112
Outstanding Shares (mn)	331
6m Avg t/o (Rs mn):	2,213
Div yield (%):	0.4
Bloomberg code:	VOLT IN
NSE code:	VOLTAS

Stock performance



Shareholding pattern (As of Jun'23 end)

Promoter	30.3%
FII+DII	55.5%
Others	14.2%

∆ in stance

(1-Yr)	New	Old
Rating	NEUTRAL	ADD
Target Price	1,675	1,538

Δ in earnings estimates

	FY25e	FY26e
EPS (New)	26.0	32.3
EPS (Old)	25.5	31.6
% change	2.0%	2.2%

Financial Summary

	,		
(Rs mn)	FY24	FY25E	FY26E
Revenue	124,812	153,632	167,420
YoY Growth	31.4%	23.1%	9.0%
EBIDTA	4,746	11,001	12,323
YoY Growth	-17.1	131.8	12.0
PAT	2,481	8,585	10,699
YoY Growth	-34.7%	246.0%	24.6%
ROE	4.4	14.0	15.7
EPS	7.5	26.0	32.3
P/E	204.3	59.0	47.4
BV	176.0	195.5	217.2
EV/EBITDA	106.5	45.6	40.3

AAKASH FADIA Analyst aakash.fadia@ysil.in





- EMPS- Revenue grew 39.8% yoy on improved execution and robust order book. The company has registered EBIT margin of 7.1%, which has been highest since Q1FY20. The company expects mid-single digit margin to be sustainable.
- Volt-Bek Voltas beko continues to see strong traction. Its market share in washing machine stands at ~8%. Volt-Bek has become one of the top three player in the semi-automatic washing machine. In Q1FY25 it has achieved more than 50% volume growth in both washers as well as refrigerators.

Exhibit 2: Quarterly snapshot (Consolidated)

Particulars (Rs mn)	Q1FY24	Q2FY24	Q3FY24	Q4FY24	Q1FY25	y/y %	q/q %	FY24	FY23	y/y %
Sales	33,599	22,928	26,257	42,029	49,210	46.5	17.1	124,812	94,987	31.4
EBITDA	1854	703	284	1906	4238	128.6	122.4	4,746	5,724	-17.1
EBITDA Margin %	5.5	3.1	1.1	4.5	8.6			3.8	6.0	
Depreciation	112.6	116.8	128.4	118.1	134.3	19.3	13.7	476	396	20.1
EBIT	1741	586	156	1788	4104	135.7	129.6	4,270	5,327	-19.8
EBIT Margin %	5.2	2.6	0.6	4.3	8.3			3.4	5.6	
Interest charges	101	115	135	208	98	-3.6	-53.1	559	296	88.8
Other Income	700	710	579	544	803	14.7	47.5	2,533	1,685	50.3
PBT	2029	850	239	1741	4515	122.5	159.4	4,858	3,071	58.2
Tax	735	493	515	634	1165	58.6	83.7	2,377	1,709	39.1
Effective Tax Rate (%)	36.2	58.0	215.7	36.4	25.8			48.9	55.7	
PAT	1294	357	-276	1106	3350	158.8	202.8	2,481	1,362	82.2
PAT Margin %	3.9	1.6	-1.1	2.6	6.8			2.0	1.4	
EPS (Rs)	3.9	1.1	-0.8	3.3	10.1	158.8	202.8	7.5	4.1	82.2

Source: Company, YES Sec

Exhibit 3: Segmental Performance

Rs mn	Q1FY24	Q2FY24	Q3FY24	Q4FY24	Q1FY25	YoY (%)	QoQ (%)	FY24	FY23	YoY (%)
EMPS	6,791	9,242	9,819	10,979	9,491	39.8	-13.6	36,830	24,029	53.3
EPS	1,423	1,344	1,548	1,564	1,608	13.0	2.8	5,879	5,220	12.6
UCP	25,140	12,088	14,756	29,551	38,022	51.2	28.7	81,535	64,745	25.9
Less: Intersegment	0	0	0	171	82	NM	NM	171	0	
Income from operations	33,353	22,674	26,123	41,923	49,039	47.0	17.0	124,244	93,994	32.2
PBIT										
EMPS	(519)	(490)	(1,200)	(1,077)	675	-230.1	-162.7	-3,285	-582	464.1
EPS	541	539	499	478	448	-17.1	-6.2	2,057	2,007	2.5
UCP	2,073	928	1,229	2,704	3,270	57.7	20.9	6,935	5,378	28.9
Total PBIT	2,096	977	528	2,105	4,394	109.6	108.7	5,707	6,803	-16.1
Less: Unallocable expense	(34)	13	154	157	(219)	539.1	-239.9	290	998	-70.9
Operating Income	2,130	964	374	1,949	4,613	116.5	136.7	5,417	5,806	-6.7
Less: Interest Expense	101	115	135	208	98	-3.6	-53.1	559	296	88.8
Exceptional	-	-	-	-	-			0	0	
PBT	2,029	850	239	1,741	4,515	122.5	159.4	4,858	5,510	-11.8
PBIT Margins (%)						(bps)	(bps)			(bps)
EMPS	(7.6)	(5.3)	(12.2)	(9.8)	7.1	1,475	1,692	(8.9)	(2.4)	(650)
EPS	38.0	40.1	32.2	30.6	27.9	(1,014)	(268)	35.0	38.5	(347)
UCP	8.2	7.7	8.3	9.2	8.6	35	(55)	8.5	8.3	20
Total PBIT	6.3	4.3	2.0	5.0	9.0	268	394	4.6	7.2	(264)

CHARTS

Exhibit 4: Revenue beat is on account of strong RAC sales and improved execution

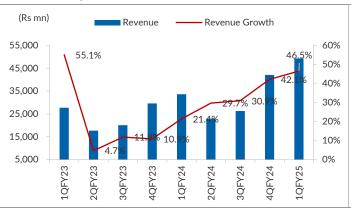
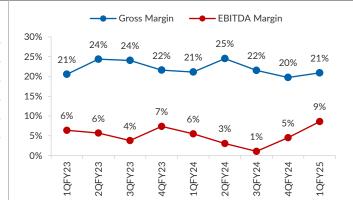


Exhibit 5: Turnaround of EMPS business has resulted in EBITDA margin expansion



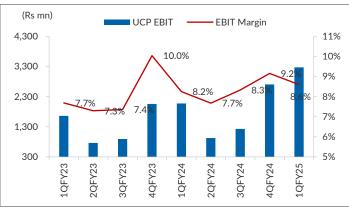
Source: Company, YES Sec

Exhibit 6: UCP revenue growth has been better than expected

(Rs mn) UCP Revenue yoy growth 44,000 140% 125% 120% 34,000 100% 80% 24,000 60% 40% 14,000 4.000 0% 3QFY23 **2QFY24** 4QFY24 1QFY25 LQFY23 **2QFY23** 1QFY24 3QFY24

Source: Company, YES Sec

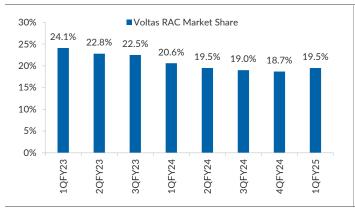
Exhibit 7: Lower margin in commercial AC has dragged UCP margins



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 8: Company has started to re-gain lost market share



Source: Company, YES Sec

Exhibit 9: Company has lost market share for second consecutive year

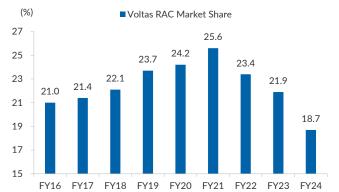
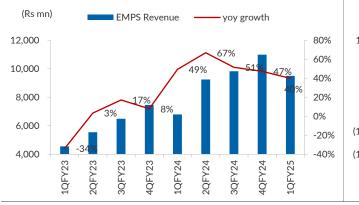
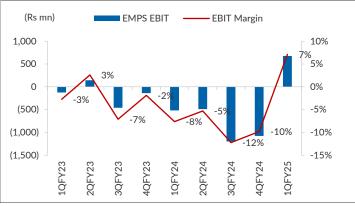


Exhibit 10: EMPS revenue has seen strong positive Exhibit 11: EMPS margin are back in positive territory traction on healthy orderbook





Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 12: Revenue growth has been steady

Exhibit 13: EPS margins have been coming off



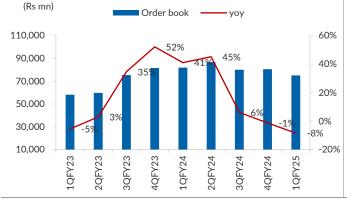


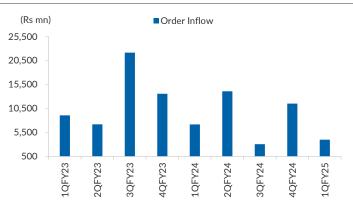
Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 14: Order-book remains healthy

Exhibit 15: The company is cautious in booking new orders





Source: Company, YES Sec



Exhibit 16: Revenue and Margin Assumption

Revenue (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
EMPS	24,705	24,029	36,830	42,620	44,975
Yoy	-14%	-3%	53%	16%	6%
Order Inflow	11,955	51,969	35,830	42,996	49,446
Yoy	-50%	335%	-31%	20%	15%
Order Book	53,600	81,540	80,540	80,916	85,387
Yoy	-19%	52%	-1%	0%	6%
EPS	4,887	5,220	5,879	6,761	7,775
Yoy	36%	7%	13%	15%	15%
UCP	48,819	64,745	81,605	103,638	114,002
Yoy	16%	33%	26%	27%	10%
Total Revenue	78,411	93,994	124,314	153,019	166,752
Yoy	5%	20%	32%	23%	9%
PBIT (Rs mn)					
EMPS	1,258	-582	-3,285	2,131	2,698
% Margin	5%	-2%	-9%	5%	6%
EPS	1,579	2,007	2,057	2,366	2,720
% Margin	32%	38%	35%	35%	35%
UCP	5,134	5,378	6,935	9,017	10,488
% Margin	10.5%	8.3%	8.5%	8.7%	9.2%
Total PBIT	7,971	6,803	5,707	13,513	15,907
% Margin	10%	7%	5%	9%	10%

Exhibit 17: SoTP Valuation based on FY26 estimates

Segment	PAT	Multiple	Rs mn
EMPS	1,862	30	55,847
EPS	1,877	30	56,300
UCP	7,235	60	434,117
Total MCAP			546,264
Number of Shares			331
Target Price			1,652
Value of VoltBek			23
Total Value			1,675

KEY CON-CALL HIGHLIGHTS

UCP

- Sold 1mn units of RAC in first 88 days of current financial year. For the quarter volume stood at 1.1mn
- In Q1FY25, UCP volume growth stood at 67%, while split air-conditioner volume growth stood at 65%.
- 5 star rated AC continues to see strong growth and mix is improving.
- Exit market share at end of June'24 stood at 21.2%. Increased YTD markets share by ~50bps and is currently at 19.5% which is higher by 450bps than the second best
- Air coolers has seen strong volume growth of 170%, with strong advance booking for he
 coolers for next season. There has been strong sellout of air-coolers across all the channels.
 Market share in air-cooler stood at 10.5% and is second best player in the industry.
- Channel inventory is very lead and inventory filling will start from Q2.
- Water heater sales continue to be good, despite this being lean season.
- Sales of commercial air-conditioner are also good with VRF and ducted AC seeing good sales
- Margins in the commercial AC's have been lower dragging overall margin. Margins of commercial AC will improve in next few months.
- Commercial operations at the Chennai plant has started with RAC capacity of 1mn units and one line of water dispenser has started with capacity of 3.5 lakh units. Commercial operations has been started from 1st week of August.
- The company is looking for technology partner to venture into compressor manufacturing and also looking for backward integration in RAC.
- A&P have been 3% for the quarter and for full year it would be in the range of 1.7% of the sales.

EMPS – Domestic project business grew at 50% with the carried forward order-book stood at Rs47.6bn. On the international projects front Saudi and UAE continues to deliver well. Order-book for the international front stands at Rs27.3bn. Overall order-book stood at Rs75.1bn vs 81.9bn in 1QFY4. Domestic order-booking has been slow on account of election and company being cautious on order-booking, however the company expects domestic order-booking from 2HFY25

- The company has received some arbitration in their favor and collection will take time to collect. This could result in writeback going forward, but will be time consuming process
- Margins are were healthy as orders executed reached threshold execution levels
- The company expects mid-single digit margins in EMPS segment

Voltas-Beko – Voltas-Beko has seen strong growth in home appliances, with volume growth of 50%. Losses per unit has been reducing. Volt-Bek is one-off the top three player in the semi-automatic market with market share of 14% and overall market share of 7.8% in washing machine category. Refrigerator volume growth also stood at 50% with YTD market share of 5.2%



FINANCIALS

Exhibit 18: Balance Sheet

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Equity capital	331	331	331	331	331
Reserves	54,665	54,190	57,874	64,338	71,511
Net worth	54,996	54,521	58,205	64,669	71,841
Debt	3,608	6,506	7,436	9,153	9,975
Deferred tax liab (net)	272	53	589	589	589
Other non current liabilities	1,411	1,451	1,404	1,549	1,657
Total liabilities	60,287	62,530	67,634	75,960	84,063
Fixed Asset	3,173	5,012	7,980	10,034	10,141
Investments	36,687	31,581	35,532	35,532	35,532
Other Non-current Assets	3,033	4,659	4,473	5,243	5,612
Net Working Capital	11,677	14,195	11,129	11,245	12,211
Inventories	16,614	15,920	21,354	26,285	28,643
Sundry debtors	21,097	21,919	25,328	31,176	33,974
Loans and Advances	3,486	6,554	9,276	11,417	12,442
Sundry creditors	29,421	30,126	38,557	47,460	51,720
Other current liabilities	6,167	8,474	12,055	13,200	13,749
Cash & equivalents	5,717	7,084	8,521	13,906	20,567
Total Assets	60,287	62,530	67,634	75,960	84,063

Source: Company, YES Sec

Exhibit 19: Income statement

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Revenue	79,345	94,988	124,812	153,632	167,420
Operating profit	6,816	5,724	4,746	11,001	12,323
Depreciation	373	396	476	602	649
Interest expense	259	296	559	688	750
Other income	1,892	1,685	2,533	2,630	2,768
Profit before tax	8,076	6,716	6,244	12,341	13,692
Taxes	1,913	1,709	2,377	3,106	3,446
Minorities and other	1,103	1,207	1,386	650	(453)
Adj. profit	5,060	3,800	2,481	8,584	10,699
Exceptional items	-	2,438	-	-	-
Net profit	5,060	1,362	2,481	8,584	10,699



Exhibit 20: Cashflow Statement

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Profit before tax	8,335	7,012	6,803	13,028	14,442
Depreciation	373	396	476	602	649
Tax paid	(1,913)	(1,709)	(2,377)	(3,106)	(3,446)
Working capital Δ	(1,442)	(1,247)	1,123	(116)	(966)
Other operating items					
Operating cashflow	5,353	4,452	6,025	10,408	10,679
Capital expenditure	(857)	(2,235)	(3,444)	(2,656)	(756)
Free cash flow	4,496	2,217	2,581	7,752	9,923
Equity raised	1,821	(431)	3,023	650	(453)
Investments	(3,818)	3,836	(2,008)	-	-
Debt financing/disposal	1,002	2,898	931	1,717	821
Interest paid	(259)	(296)	(559)	(688)	(750)
Dividends paid	(1,819)	(1,406)	(1,819)	(2,770)	(3,074)
Net Δ in cash	1,135	1,403	1,357	5,385	6,662

Source: Company, YES Sec

Exhibit 21: Du-pont analysis

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Tax burden (x)	0.63	0.57	0.40	0.70	0.78
Interest burden (x)	0.97	0.96	0.92	0.95	0.95
EBIT margin (x)	0.11	0.07	0.05	0.08	0.09
Asset turnover (x)	0.86	0.95	1.12	1.17	1.13
Financial leverage (x)	1.75	1.83	1.98	2.13	2.17
RoE (%)	9.6	6.9	4.4	14.0	15.7

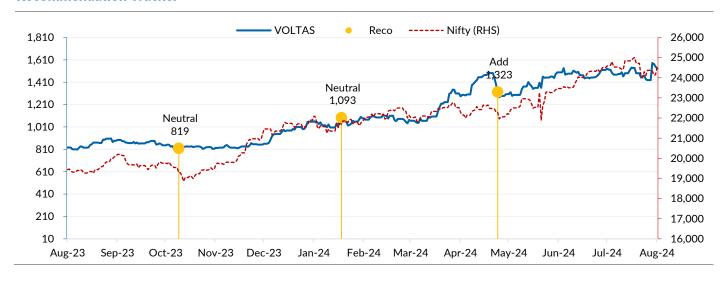
Exhibit 22: Ratio analysis

Y/e 31 Mar	FY22	FY23	FY24	FY25E	FY26E
Growth matrix (%)					
Revenue growth	5.0	19.7	31.4	23.1	9.0
Op profit growth	6.3	(16.0)	(17.1)	131.8	12.0
EBIT growth	4.7	(15.9)	(3.0)	91.5	10.8
Net profit growth	(4.3)	(24.9)	(34.7)	246.0	24.6
Profitability ratios (%)					
OPM	8.6	6.0	3.8	7.2	7.4
EBIT margin	10.5	7.4	5.5	8.5	8.6
Net profit margin	6.4	4.0	2.0	5.6	6.4
RoCE	15.0	11.7	10.7	18.7	18.6
RoNW	9.6	6.9	4.4	14.0	15.7



Y/e 31 Mar	FY22	FY23	FY24	FY25E	FY26E
RoA	5.5	3.8	2.2	6.6	7.2
Per share ratios					
EPS	15.3	11.5	7.5	26.0	32.3
Dividend per share	5.5	4.3	5.5	8.4	9.3
Cash EPS	16.4	12.7	8.9	27.8	34.3
Book value per share	166.3	164.8	176.0	195.5	217.2
Valuation ratios					
P/E	100.2	372.0	204.3	59.0	47.4
P/CEPS	77.5	170.9	116.7	51.5	46.5
P/B	9.2	9.3	8.7	7.8	7.1
EV/EBIDTA	74.0	88.4	106.5	45.6	40.3
Payout (%)					
Dividend payout	36.0	37.0	73.3	32.3	28.7
Tax payout	23.7	25.4	38.1	25.2	25.2
Liquidity ratios					
Debtor days	97.0	84.2	74.1	74.1	74.1
Inventory days	76.4	61.2	62.4	62.4	62.4
Creditor days	135.3	115.8	112.8	112.8	112.8

Recommendation Tracker





STANDARD DISCLAIMER:

YES Securities (India) Limited, Registered Address: 2nd Floor, North Side, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai - 400055. Maharashtra, India | Correspondence Add: 7th Floor, Urmi Estate Tower A, Ganpatrao Kadam Marg, Opp. Peninsula Business Park, Lower Parel (West), Mumbai - 400 013, Maharashtra, India. | Website: www.yesinvest.in | Email: customer.service@ysil.in

 $\label{lem:nos::cin::u74992MH2013PLC240971 | SEBI Registration No.: NSE, BSE, MCX \& NCDEX : INZ000185632 | Member Code: BSE - 6538, NSE - 14914, MCX - 56355 \& NCDEX - 1289 | CDSL & NSDL: IN-DP-653-2021 | RESEARCH ANALYST: INH000002376 | INVESTMENT ADVISER: INA000007331 | Sponsor and Investment Manager to YSL Alternates Alpha Plus Fund (Cat III AIF) and YES Wealth Maximiser AIF (Cat III AIF) SEBI Registration No.: IN/AIF3/20- 21/0818 | AMFI ARN Code - 94338$

Details of Compliance Officer: Aditya Goenka | Email: compliance@ysil.in / Contact No.: 022-65078127 | Grievances Redressal Cell: customer.service@ysil.in / igc@ysil.in

Standard Disclaimer: Investment in securities market are subject to market risks; read all the related documents carefully before investing. Above representation provides an overview related to our past performance neither does it provide any guarantee of future performance, nor we are ensuring any guaranteed returns. Actual Client returns may vary depending upon time premium, volatility Index, intrinsic value of the script, open interest, other geopolitical conditions and choice of the customer to execute the recommendation in full or part. All recommendations are published under Research Analyst License of YES Securities (India) Limited (YSIL); execution of the recommendation is at complete discretion of customer without any intervention by the research publisher.

Contents which are exclusively for Non-Broking Products/Services e.g. Mutual Fund, Mutual Fund-SIP, Research reports, Insurance, etc. where the YSIL is just a distributor. These are not Exchange traded product and the YSIL is just acting as distributor. Kindly note that all disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

YSIL is a wholly owned subsidiary of YES Bank Limited. Savings, Current, PIS and Demat Account are offered by YES Bank Limited. Please note Brokerage would not exceed the SEBI prescribed limit. YSIL also acts in the capacity of distributor for Products such as IPOs, Mutual Funds, Mutual Fund-SIPs, NCD/Bonds, etc., All disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

Margin Trading Funding (MTF) is an exchange approved product offered to YSIL trading account holders, as per the regulation and guideline of SEBI Circular: CIR/MRD/DP/54/2017 dated June 13, 2017. For product specification, T&C, rights and obligations statement issued by the YSIL visit https://yesinvest.in/standard_documents_policies

DISCLAIMER

Investments in securities market are subject to market risks, read all the related documents carefully before investing.

The information and opinions in this report have been prepared by YSIL and are subject to change without any notice. The report and information contained herein are strictly confidential and meant solely for the intended recipient and may not be altered in any way, transmitted to, copied or redistributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of YSIL.

The information and opinions contained in the research report have been compiled or arrived at from sources believed to be reliable and have not been independently verified and no guarantee, representation of warranty, express or implied, is made as to their accuracy, completeness, authenticity or validity. No information or opinions expressed constitute an offer, or an invitation to make an offer, to buy or sell any securities or any derivative instruments related to such securities. Investments in securities are subject to market risk. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. Investors should note that Price of each of the securities or value may rise or fall and, accordingly, investors may even receive amounts which are less than originally invested. The investor is advised to take into consideration all risk factors including their own financial condition, suitability to risk return profile and the like, and take independent professional and/or tax advice before investing. Opinions expressed are our current opinions as of the date appearing on this report. Investor should understand that statements regarding future prospects may not materialize and are of general nature which may not be specifically suitable to any particular investor. Past performance may not necessarily be an indicator of future performance. Actual results may differ materially from those set forth in projections. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. YES Securities (India) Limited conforms with the rules and regulations enumerated in the Securities and Exchange Board of India (Research Analysts) Regulations, 2014 as amended from time to time.

Technical analysis reports focus on studying the price movement and trading turnover charts of securities or its derivatives, as opposed to focussing on a company's fundamentals and opinions, as such, may not match with reports published on a company's fundamentals.

YSIL, its research analysts, directors, officers, employees and associates accept no liabilities for any loss or damage of any kind arising out of the use of this report. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject YSIL and associates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.



YES Securities (India) Limited distributes research and engages in other approved or allowable activities with respect to U.S. Institutional Investors through Rule 15a-6 under the Securities Exchange Act of 1934 (the "Exchange Act")^[1] and regulations under an exclusive chaperone arrangement with Brasil Plural Securities LLC. The views and sentiments expressed in this research report and any findings thereof accurately reflect YES Securities (India) Limited analyst's truthful views about the subject securities and or issuers discussed herein. YES Securities (India) Limited is not registered as a broker-dealer under the Securities Exchange Act of 1934, as amended (the "Exchange Act") and is not a member of the Securities Investor Protection Corporation ("SIPC"). Brasil Plural Securities LLC is registered as a broker-dealer under the Exchange Act and is a member of SIPC. For questions or additional information, please contact Gil Aikins (gil.aikins@brasilplural.com) or call +1 212 388 5600.

This research report is the product of YES Securities (India) Limited. YES Securities (India) Limited is the employer of the research analyst(s), the authors of this research report. YES Securities (India) Limited is the concerned representatives (employees) of YES Securities (India) Limited, are responsible for the content of this research report including but not limited to any material conflict of interest of YES Securities (India) Limited in relation the issuer(s) or securities as listed in this research report. This YES Securities (India) Limited research report is distributed in the United States through Brasil Plural Securities LLC (BPS). The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and is/ are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. As per SEC Rule 15a-6, the U.S. broker-dealer must accompany any third party research report it distributes with, or provide a web address that directs a recipient to, disclosure of any material conflict of interest that can reasonably be expected to have influenced the choice of a third-party research report provider or the subject company of a third-party research.

FINRA Rules 2241 and 2242, which govern the conduct of research analysts and the content of equity and debt research reports, respectively, apply to all research distributed by a FINRA member firm, including research prepared by a foreign broker-dealer under Rule 15a-6.

- Research reports prepared by a foreign broker-dealer and distributed by a U.S. broker-dealer are deemed to be third party
 research reports, as reports produced by a person other than a FINRA member.
- Prior to distributing any third party research, a U.S. broker-dealer must assure that such report contains the required disclosures under FINRA Rule 2241(h) or 2242(g)(3), as applicable.

This report is intended for distribution by YES Securities (India) Limited only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). As per Rule 15a-6(b)(4) of the Exchange Act, 1934, "Major U.S. institutional investor" means a U.S. institutional investor with assets, or assets under management, in excess of US\$100 million, or a registered investment adviser with assets under management in excess of US\$100 million. If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person or entity. Transactions in securities discussed in this research report should be effected through Brasil Plural Securities LLC (BPS) or another U.S. registered broker dealer/Entity as informed by YES Securities (India) Limited from time to time.

In adopting Rule 15a-6, the SEC sought "to facilitate access to foreign markets by U.S. institutional investors through foreign broker-dealers and the research that they provide, consistent with maintaining the safeguards afforded by broker-dealer registration." [Rule 15a-6 Adopting Release at 54 FR 30013; see also Registration Requirements for Foreign Broker-Dealers, Exchange Act Release No. 25801 (June 14, 1988), 53 FR 23645 (June 23, 1988)].

Rule 15a-6 under the Securities Exchange Act of 1934 provides conditional exemptions from broker-dealer registration for foreign broker-dealers that engage in certain specified activities involving U.S. investors. These activities include:

⁽a) Effecting unsolicited securities transactions;

⁽b) Providing research reports to major U.S. institutional investors, and effecting transactions in the subject securities with or for those investors;

⁽c) Soliciting and effecting transactions with or for U.S. institutional investors or major U.S. institutional investors through a "chaperoning broker-dealer"; and

⁽d) Soliciting and effecting transactions with or for registered broker-dealers, banks3 acting in a broker or dealer capacity, certain international organizations, foreign persons temporarily present in the U.S., U.S. citizens resident abroad, and foreign branches and agencies of U.S. persons.

DISCLOSURE OF INTEREST

Name of the Research Analyst: Aakash Fadia

The analyst hereby certifies that opinion expressed in this research report accurately reflect his or her personal opinion about the subject securities and no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendation and opinion expressed in this research report.

Sr. No.	Particulars	Yes/No
1	Research Analyst or his/her relative's or YSIL's financial interest in the subject company(ies)	No
2	Research Analyst or his/her relative or YSIL's actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of the research report	No
3	Research Analyst or his/her relative or YSIL has any other material conflict of interest at the time of publication of the research report	No
4	Research Analyst has served as an officer, director or employee of the subject company(ies)	No
5	YSIL has received any compensation from the subject company in the past twelve months	No
6	YSIL has received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
7	YSIL has received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
8	YSIL has received any compensation or other benefits from the subject company or third party in connection with the research report	No
9	YSIL has managed or co-managed public offering of securities for the subject company in the past twelve months	No
10	Research Analyst or YSIL has been engaged in market making activity for the subject company(ies)	No

Since YSIL and its associates are engaged in various businesses in the financial services industry, they may have financial interest or may have received compensation for investment banking or merchant banking or brokerage services or for any other product or services of whatsoever nature from the subject company(ies) in the past twelve months or associates of YSIL may have managed or co-managed public offering of securities in the past twelve months of the subject company(ies) whose securities are discussed herein.

Associates of YSIL may have actual/beneficial ownership of 1% or more and/or other material conflict of interest in the securities discussed herein.

RECOMMENDATION PARAMETERS FOR FUNDAMENTAL REPORTS

Analysts assign ratings to the stocks according to the expected upside/downside relative to the current market price and the estimated target price. Depending on the expected returns, the recommendations are categorized as mentioned below. The performance horizon is 12 to 18 months unless specified and the target price is defined as the analysts' valuation for a stock. No benchmark is applicable to the ratings mentioned in this report.

BUY: Upside greater than 20% over 12 months

ADD: Upside between 10% to 20% over 12 months

NEUTRAL: Upside between 0% to 10% over 12 months

REDUCE: Downside between 0% to -10% over 12 months

SELL: Downside greater than -10% over 12 months

NOT RATED / UNDER REVIEW



ABOUT YES SECURITIES (INDIA) LIMITED

YES Securities (India) Limited ("YSIL") is a wholly owned subsidiary of YES BANK LIMITED. YSIL is a Securities and Exchange Board of India (SEBI) registered Stock broker holding membership of National Stock Exchange (NSE), Bombay Stock Exchange (BSE), Multi Commodity Exchange (MCX) & National Commodity & Derivatives Exchange (NCDEX). YSIL is also a SEBI-registered Category I Merchant Banker, Investment Adviser and Research Analyst. YSIL is also a Sponsor and Investment Manager of Alternate Investment Fund - Category III (YSIL Alternates) and AMFI registered Mutual Fund Distributor. The Company is also a registered Depository Participant with CDSL and NSDL. YSIL offers, inter alia, trading/investment in equity and other financial products along with various value added services. We hereby declare that there are no disciplinary actions taken against YSIL by SEBI/Stock Exchanges.