

Estimate change	↔
TP change	↔
Rating change	↔

CMP: INR1,698 TP: INR2,070 (+22%) BUY

Healthy UCP performance; recovery continues in EMPS

RAC's market share at 21% as of Sep'24

- Voltas (VOLT)'s 2QFY25 earnings were above our estimates, led by higher-than-estimated revenue/EBIT growth in the UCP segment and higher margin in the EMPS segment. Revenue grew 14% YoY to INR26.2b (5% beat), while EBITDA jumped 131% YoY to INR1.6b (11% beat). OPM surged 3.1pp YoY to ~6% (+30bp vs. our est.). Adj. PAT jumped 265% YoY to INR1.3b (est. INR1.2b).
- Management indicated that VOLT maintains a leadership position in the RAC segment, with an exit market share of 21% as of Sep'24. It has seen strong growth in its Voltbek home appliances business, with a market share of 7.5% for washing machine, and 5% for refrigerators as of Sep'24-YTD. The AC segment has delivered strong growth during the summer season, and VOLT expects the other appliances business to continue to do well given the ongoing festive period. In the EMPS segment, project execution was hit by heavy rains. It expects business to return to normal levels going forward.
- We broadly retain our EPS estimates for FY25/FY26. We **reiterate our BUY rating** on the stock with a TP of INR2,070 based on 55x Sep'26E EPS for the UCP segment, 40x Sep'26E EPS for the PES and EMPS segments, and INR38/share for Voltbek.

UCP's margin contracts 30bp YoY to 7.3% (est. 8.0%) in 2QFY25

- Consol. revenue/EBITDA/Adj. PAT stood at INR26.2b/INR1.6b/INR1.3b (up 14%/131%/265% YoY and 5%/11%/8% above our estimates) in 2QFY25. Gross margin surged 1.3pp YoY to ~26% and OPM surged 3.1pp YoY to ~6%.
- Segmental highlights: a) **UCP** – revenue was up ~31% YoY to INR15.8b and EBIT rose 25% YoY to INR1.2. EBIT margin dipped 30bp YoY to 7.3%; b) **EMPS** – revenue declined 5% YoY to INR8.8b. The segment posted an EBIT of INR462m vs. a loss of INR490m in 2QFY24; and c) **PES** – revenue grew 9% YoY to INR1.5b, while EBIT declined 27% YoY to INR396m. EBIT margin contracted 13.1pp YoY to ~27% during the quarter.
- In 1HFY25, revenue/EBITDA/adj. PAT stood at INR75.4b/5.9b/4.7b (up 33%/129%/182% YoY). Based on our estimates, the implied revenue/EBITDA/PAT growth for 2HFY25 will be ~3%/120%/471%. Higher EBITDA/PAT growth is aided by estimating an EBIT of INR864m in 2HFY25 in the EMPS segment vs. a loss of INR2.3b in 2HFY24.

Highlights from the management commentary

- The commercial refrigeration industry faced challenges due to a reversal in the capex cycle, resulting in moderate growth for chest freezers and coolers. However, demand for water coolers and dispensers remained steady.
- Increased volume in Voltbek business led to a gradual reduction in losses. It is aiming to breakeven at the EBITDA level in the near future.
- Expanding distribution reach, adopting channel-specific tactics to enhance market presence in key regions, and maintaining a strong focus on boosting e-commerce and omnichannel development are key efforts to increase its market presence across various product categories.

Bloomberg	VOLT IN
Equity Shares (m)	331
M.Cap.(INRb)/(USDb)	561.8 / 6.7
52-Week Range (INR)	1946 / 811
1, 6, 12 Rel. Per (%)	-2/7/76
12M Avg Val (INR M)	2370
Free float (%)	69.7

Financials & Valuations (INR b)

Y/E MARCH	FY25E	FY26E	FY27E
Sales	145.6	168.1	188.5
EBITDA	10.7	13.7	16.8
Adj. PAT	8.9	11.5	14.5
EBITA Margin (%)	7.3	8.2	8.9
Cons. Adj. EPS (INR)	26.8	34.7	43.8
EPS Gr. (%)	270.9	29.3	26.4
BV/Sh. (INR)	200.6	228.6	263.8

Ratios

Net D:E	(0.1)	(0.1)	(0.2)
RoE (%)	13.4	15.2	16.6
RoCE (%)	13.9	15.1	15.9
Payout (%)	25.0	25.0	25.0

Valuations

P/E (x)	62.3	48.2	38.1
P/BV (x)	8.3	7.3	6.3
EV/EBITDA (x)	51.3	39.5	31.9
Div Yield (%)	0.4	0.5	0.7
FCF Yield (%)	0.8	1.6	2.1

Shareholding pattern (%)

As On	Sep-24	Jun-24	Sep-23
Promoter	30.3	30.3	30.3
DII	37.5	40.4	36.0
FII	18.1	15.1	17.8
Others	14.2	14.2	15.8

FII Includes depository receipts

Valuation and view

- We expect VOLT's EBITDA/adj. PAT to report a CAGR of 52%/82% over FY24-27, partly due to a low base in FY24 (because of higher provisioning in the EMPS segment for losses in Qatar projects). EBITDA/adj. PAT growth is estimated at ~25%/28% over FY25-27E. RoE is likely to improve to ~15%/17% in FY26/FY27E vs. in FY24 (average of ~12% over FY13-23).
- We project UCP's margin at 8.3%/8.7%/9.2% for FY25E/26E/27E v/s 8.5% in FY24. We reiterate our BUY rating on the stock with a TP of INR2,070 based on 55x Sep'26E EPS for the UCP segment, 40x Sep'26E EPS for the PES and EMPS segments, and INR38/share for Voltbek.

Quarterly performance

Y/E March	FY24				FY25				(INR m)			
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE	FY24	FY25E	MOFSL 2QE	Var.
Sales	33,599	22,928	26,257	42,029	49,210	26,191	27,743	42,493	1,24,812	1,45,638	24,917	5
Change (%)	21.4	29.7	30.9	42.1	46.5	14.2	5.7	1.1	31.4	16.7	8.7	
Adj. EBITDA	1,854	703	284	1,906	4,238	1,622	1,784	3,041	4,746	10,685	1,466	11
Change (%)	4.7	(30.3)	(62.8)	(12.6)	128.6	130.8	527.7	59.6	(17.1)	125.1	108.6	
Adj. EBITDA margin (%)	5.5	3.1	1.1	4.5	8.6	6.2	6.4	7.2	3.8	7.3	5.9	31
Depreciation	113	117	128	118	134	164	174	181	476	654	144	14
Interest	101	115	135	208	98	136	145	172	559	550	130	4
Other Income	700	710	579	544	803	1,055	850	958	2,533	3,666	813	30
Extra-ordinary items	0	-	-	-	0	0	0	0	0	0	0	
PBT	2,339	1,181	599	2,124	4,809	2,377	2,315	3,646	6,244	13,146	2,004	19
Tax	735	493	515	634	1,165	726	620	1,038	2,377	3,379	537	35
Effective Tax Rate (%)	31.4	41.7	85.9	29.9	24.2	30.5	26.8	28.5	38.1	25.7	26.8	
Share of profit of associates/JV's	(312)	(321)	(389)	(325)	(294)	(323)	(220)	(94)	(1,347)	(930)	-240	34
Reported PAT	1,293	367	(304)	1,164	3,350	1,328	1,474	2,515	2,520	8,838	1,227	8
Change (%)	18.7	NM	NM	(19.1)	159.1	262.1	NA	116.0	86.7	250.7	234.5	
Minority Interest	1	(10)	28	(58)	8	(12)	20	(55)	(39)	(39)	-10	
Adj. PAT	1,293	367	(304)	1,038	3,342	1,340	1,454	2,570	2,394	8,877	1,237	8
Change (%)	18.7	(62.9)	NM	(27.9)	158.5	265.3	NM	147.6	-36.8	270.9	237.2	

Note: 4QFY24 and FY24 Adj. PAT is after adjusting tax related to earlier periods

Segmental revenue (INR m)

	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE	FY24	FY25E	2QE	Var. (%)
EMP & Services	6,791	9,242	9,819	10,979	9,491	8,799	9,622	12,107	36,830	40,019	10,259	(14)
Engineering products and services	1,423	1,344	1,548	1,564	1,608	1,467	1,687	1,705	5,879	6,467	1,479	(1)
Unitary cooling business	25,140	12,088	14,826	29,551	38,022	15,822	16,308	28,481	81,605	98,633	13,055	21
Others	245	253	65	-65	89	103	125	200	498	518	125	(18)
Total	33,599	22,928	26,257	42,029	49,210	26,191	27,743	42,493	1,24,812	1,45,638	24,917	5
Segment PBIT												
EMP & Services	(519)	(490)	(1,200)	(1,077)	675	462	385	479	(3,285)	2,001	308	50
Engineering products and services	541	539	499	478	448	396	472	494	2,057	1,811	399	(1)
Unitary cooling business	2,073	928	1,229	2,704	3,270	1,162	1,272	2,482	6,935	8,187	1,044	11
Total PBIT	2,096	977	528	2,105	4,394	2,020	2,129	3,455	5,707	11,998	1,751	15
Segment PBIT (%)												
EMP & Services (%)	(7.6)	(5.3)	(12.2)	(9.8)	7.1	5.2	4.0	4.0	(8.9)	5.0	3.0	225
Engineering products and services (%)	38.0	40.1	32.2	30.6	27.9	27.0	28.0	29.0	35.0	28.0	27.0	(1)
Unitary cooling business (%)	8.2	7.7	8.3	9.2	8.6	7.3	7.8	8.7	8.5	8.3	8.0	(65)
Total PBIT (%)	6.2	4.3	2.0	5.0	8.9	7.7	7.7	8.1	4.6	8.2	7.0	68

**Highlights from the management commentary****Unitary Cooling Products**

- The second quarter is usually a slow period for UCP. However, an early heatwave in northern regions helped sustain growth in the air conditioning business, though heavy rains across the country impacted overall industry performance.
- The RAC segment remained strong, and significant volume and demand growth was observed in other cooling products, including air coolers, driven by consumers' preference for comfort and convenience. Robust growth was recorded in both window and split ACs, with demand emerging from across the country. The premium segment, particularly 5-star rated models, thrived, leading to an improved overall sales mix. With the new facility operational, sales and service were enhanced through an extensive distribution network. The supply chain was leveraged effectively to maintain Voltas' leadership position, with an exit market share of ~21% as of Sept'24. Over recent quarters, the brand proposition and product placement have been consistently strengthened across all channels.
- The commercial refrigeration industry faced challenges due to a reversal in the capital expenditure cycle, resulting in moderate growth for chest freezers and coolers. However, demand for water coolers and dispensers remained steady, and new offerings in cold rooms and medical refrigeration gained traction. Despite healthy revenue growth, reduced customer spending led to a decline in margins for the quarter.
- The air cooler and water heater categories saw significant growth compared to the previous year. Strong first-half sales and solid order commitments set the stage for continued success. Expanded distribution, quality products, and favorable weather helped strengthen Voltas' market position. New cooler models were well-received, driving growth and boosting market share to 11.1% as of Sep'24, making Voltas the No. 2 brand. In the water heater segment, partnerships with distributors and sub-dealers also contributed to strong performance. Also, production at the new factories in Chennai and Waghodia are progressing as planned. These facilities provide us with strategic advantages

in location, enabling the company to effectively cater to markets in South and West India.

- The Commercial Air Conditioning (CAC) segment maintained steady performance, driven by strong sales of VRF, cassette, and ducted ACs. Margin-accretive products, value engineering initiatives, and the mix of AMC jobs positively impacted the bottom line. Consumer financing schemes boosted sales growth, though profitability was affected by rising commodity prices and a depreciating USD-INR exchange rate. Investments in BTL advertising, along with cost control measures, helped keep margins stable as expected.

Electro- Mechanical Projects and Services

- During the current quarter, project execution across all verticals was affected by heavy rainfall, leading to marginal growth for the business. Delays in job progress and collections from government-tendered jobs impacted profitability. However, improvements were noted in domestic business performance over the past six months. Focus on dues collection and better working capital management resulted in strong profit growth. A return to normal execution levels is anticipated, with targets and growth expected to be achieved by FY25 end.
- In the domestic project segment, an order of INR8.2b was secured, with the current order book at INR50.1b, including an order from Tata Electronics amounting to INR10b. In the international projects sector, operations in the UAE and Saudi Arabia continued to perform well, driving revenue growth and ensuring robust bottom-line performance. A cautious approach to order booking was adopted during the quarter. As of Sept'24, the carry-forward order book for international business stood at INR24.7b, primarily in the UAE and Saudi regions. The total carried forward order book for the segment was INR74.9b as of the same date.

PES Segment

- Positive momentum was shown in the mining and construction vertical, ensuring continuity in operations and maintenance jobs, as well as sales of power screen machines. However, challenges in revenue mix and job renewals at healthy margins limited the ability to translate top-line growth into EBIT.
- In the textile industry, headwinds were encountered due to fluctuations in cotton and yarn exports, leading to decreased capital expenditure across the sector. This resulted in reduced utilization levels for spinners and a corresponding decline in demand and margins for the agency business. Despite these challenges, positive performance was noted in the after-sales and post-spinning business.
- Due to ongoing tensions in the neighboring country, a key destination for yarn exports, the already reduced margins are expected to remain compressed for the next few months.

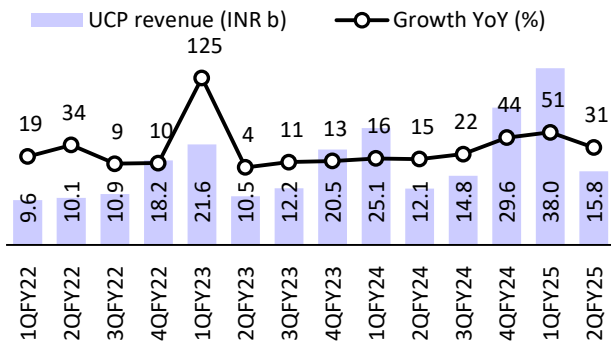
Voltas Beko

- Voltbek Home Appliances Private Limited, the joint venture, experienced impressive growth, with ~54% increase in volume in 1HFY24. This growth was accompanied by a notable rise in market share in both the refrigerator and

washing machine categories. By Sep'24, year-to-date market share had improved to ~7.5% for washing machines and 5% for refrigerators, and it aims to improve this to ~10%. The company has invested about INR1.3b in this business.

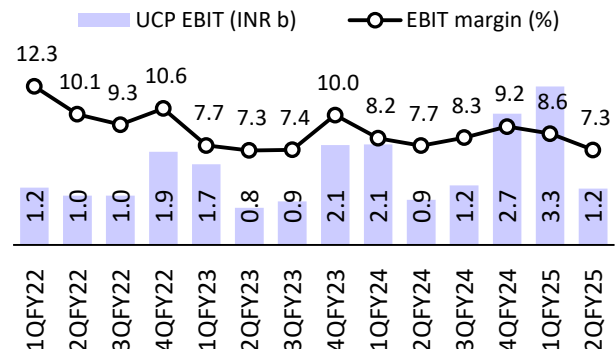
- India's home appliances industry saw steady growth, driven by demand for both large and small appliances. In comparison, Voltas Beko achieved stronger growth by offering a diverse product range tailored to consumer needs. The launch of the HarvestFresh campaign, coupled with enhanced social media efforts, e-commerce focus, exhibitions, and dealer meetings, significantly boosted business performance. Growth was further supported by increased traction from modern trade.
- On the profitability front, higher volumes have gradually reduced losses, with Voltbek working to minimize loss per unit and aiming for EBITDA breakeven in the near future. It currently has a gross margin of about ~10%-18% in different products under Voltas Beko.

Exhibit 1: UCP's revenue up 31% YoY



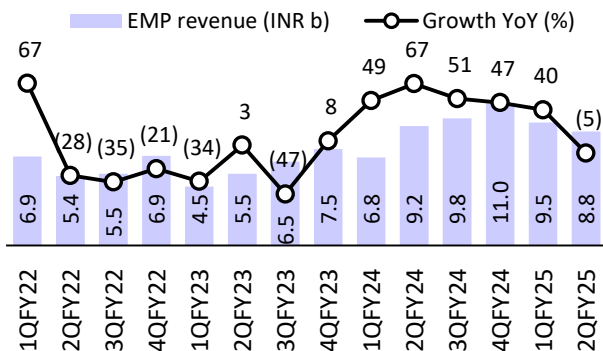
Source: MOFSL, Company

Exhibit 2: UCP's EBIT margin down 30bp YoY to 7.3%



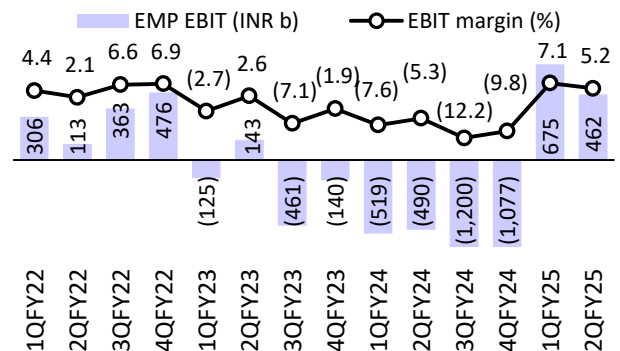
Source: MOFSL, Company

Exhibit 3: EMPS' revenue down 5% YoY

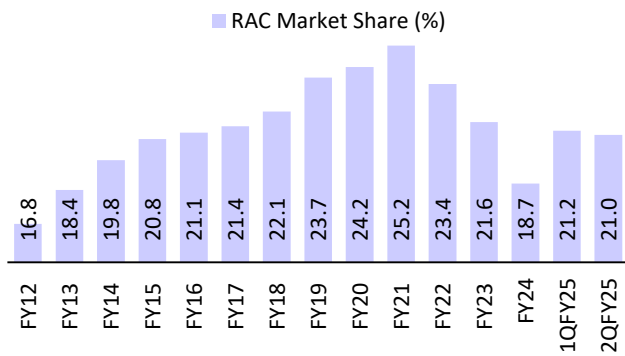


Source: MOFSL, Company

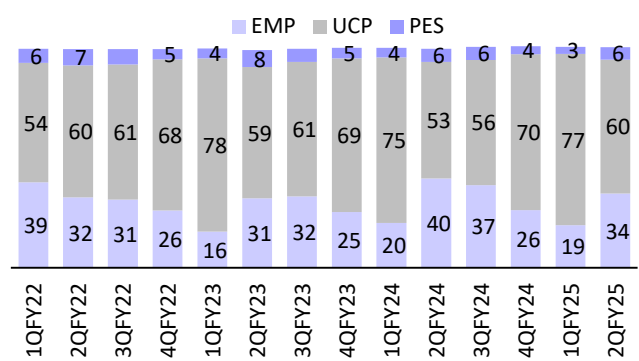
Exhibit 4: EMPS segment reported profit



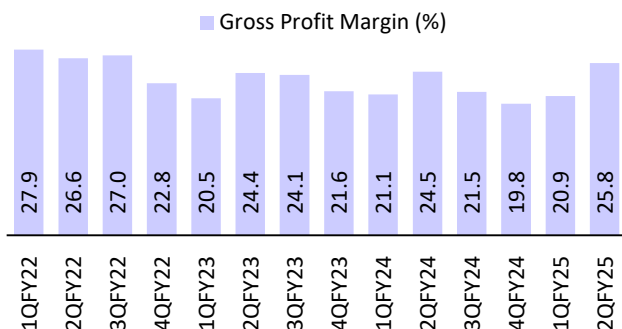
Source: MOFSL, Company

Exhibit 5: VOLT's market share in the RAC segment

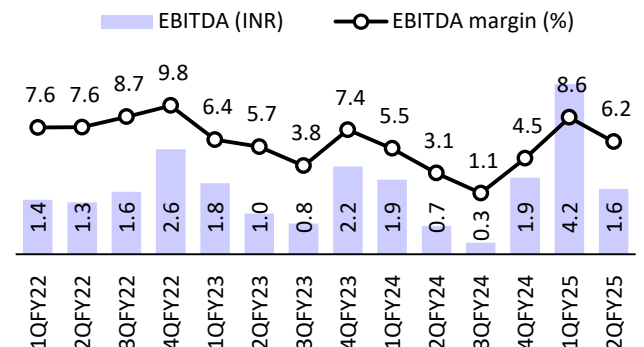
Source: MOFSL, Company; Note: Sept'24 exit market share

Exhibit 6: UCP contributed 60% to revenue vs. 53% in 2QFY24

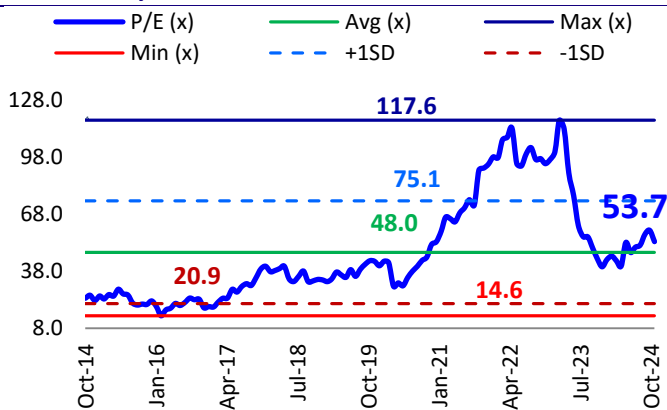
Source: MOFSL, Company

Exhibit 7: Gross margin up 1.3pp YoY to ~26% in 2QFY25

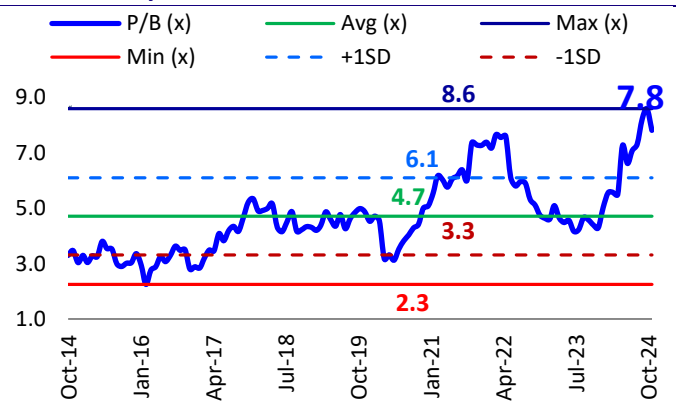
Source: MOFSL, Company

Exhibit 8: EBITDA margin up 3.1pp YoY to ~6%

Source: MOFSL, Company

Exhibit 9: 1-year forward P/E chart

Source: MOFSL, Company

Exhibit 10: 1-year forward P/B chart

Source: MOFSL, Company

Financials and valuations (Consolidated)

Income Statement							(INR m)
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Total Revenues	75,558	79,345	94,988	1,24,812	1,45,638	1,68,084	1,88,512
Change (%)	-1.3	5.0	19.7	31.4	16.7	15.4	12.2
EBITDA	6,414	6,816	5,724	4,746	10,685	13,715	16,775
% of Total Revenues	8.5	8.6	6.0	3.8	7.3	8.2	8.9
Other Income	1,889	1,892	1,685	2,533	3,666	3,825	4,085
Depreciation	339	373	396	476	654	797	922
Interest	262	259	296	559	550	510	470
Exceptional Items	0	0	-2,438	0	0	0	0
PBT	7,702	8,076	4,278	6,244	13,146	16,233	19,469
Tax	1,804	1,913	1,709	2,377	3,379	4,172	5,003
Rate (%)	23.4	23.7	40.0	38.1	25.7	25.7	25.7
PAT	5,898	6,163	2,569	3,867	9,768	12,061	14,465
Change (%)	0.0	4.5	-58.3	50.6	152.6	23.5	19.9
Profit/(Loss) share of associates/JVs	-610	-1,103	-1,207	-1,386	-930	-621	1
Minority interest (MI)	37	19	12	-39	-39	-39	-39
PAT after MI	5,251	5,041	1,350	2,520	8,877	11,479	14,505
Change (%)	1.5	-4.0	-73.2	86.7	252.3	29.3	26.4
Adj. PAT after MI	5,251	5,041	3,788	2,394	8,877	11,479	14,505
Change (%)	-5.1	-4.0	-24.8	-36.8	270.9	29.3	26.4

Balance Sheet							
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Share Capital	331	331	331	331	331	331	331
Reserves	49,603	54,665	54,190	57,874	66,033	75,292	86,927
Net Worth	49,934	54,996	54,521	58,205	66,364	75,623	87,258
Minority Interest	361	381	417	337	298	259	220
Loans	2,606	3,432	6,160	7,133	6,633	6,133	5,633
Deferred Tax Liability	-558	-317	-303	176	176	176	176
Capital Employed	52,343	58,492	60,794	65,851	73,471	82,191	93,288
Gross Fixed Assets	6,690	7,020	8,826	9,533	13,708	16,708	18,708
Less: Depreciation	3,534	3,906	4,302	4,778	5,432	6,229	7,151
Net Fixed Assets	3,157	3,114	4,524	4,754	8,275	10,479	11,557
Capital WIP	88	593	983	3,675	2,500	1,500	1,500
Investments	30,464	36,154	31,086	35,083	35,153	35,531	36,532
Goodwill	723	723	723	723	723	723	723
Curr. Assets	51,565	56,440	65,119	75,709	89,939	1,06,806	1,24,676
Inventory	12,796	16,614	15,920	21,354	24,738	28,551	32,021
Debtors	18,009	21,097	21,919	25,328	29,554	34,109	38,254
Cash & Bank Balance	4,588	5,717	7,084	8,523	11,721	16,532	23,432
Loans & Advances	23	32	6	13	16	18	20
Other current assets	16,149	12,981	20,191	20,491	23,910	27,595	30,949
Current Liab. & Prov.	33,654	38,532	41,640	54,093	63,119	72,847	81,700
Creditors	24,645	29,421	30,126	38,557	44,991	51,925	58,235
Other Liabilities	9,009	9,111	11,514	15,536	18,128	20,922	23,465
Net Current Assets	17,911	17,908	23,479	21,616	26,820	33,958	42,976
Application of Funds	52,343	58,492	60,794	65,851	73,471	82,191	93,288

Financials and valuations (Consolidated)

Ratios

Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)							
Adj EPS	15.9	15.2	11.5	7.2	26.8	34.7	43.8
Cash EPS	16.9	16.4	12.6	8.7	28.8	37.1	46.6
Book Value	150.9	166.3	164.8	176.0	200.6	228.6	263.8
DPS	5.0	5.5	4.3	2.2	6.7	8.7	11.0
Payout (incl. Div. Tax.)	31.5	36.1	37.1	30.0	25.0	25.0	25.0
Valuation (x)							
P/E	105.3	109.7	145.9	230.9	62.3	48.2	38.1
Cash P/E	98.9	102.1	132.1	192.6	58.0	45.0	35.8
EV/EBITDA	85.9	80.8	96.4	116.2	51.3	39.5	31.9
EV/Sales	7.3	6.9	5.8	4.4	3.8	3.2	2.8
Price/Book Value	11.1	10.1	10.1	9.5	8.3	7.3	6.3
Dividend Yield (%)	0.3	0.3	0.3	0.1	0.4	0.5	0.7
Profitability Ratios (%)							
RoE	10.5	9.2	6.9	4.1	13.4	15.2	16.6
RoCE	11.6	10.9	6.9	6.4	13.9	15.1	15.9
RoIC	26.9	29.6	14.1	11.9	28.0	31.9	35.4
Turnover Ratios							
Debtors (Days)	87	97	84	74	74	74	74
Inventory (Days)	62	76	61	62	62	62	62
Creditors. (Days)	119	135	116	113	113	113	113
Asset Turnover (x)	1.4	1.4	1.6	1.9	2.0	2.0	2.0
Leverage Ratio							
Net Debt/Equity (x)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.1)	(0.2)

Cash Flow Statement

Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
PBT before EO Items	7,735	5,610	7,787	10,207	13,146	16,233	19,469
Add : Depreciation	339	3,726	396	476	654	797	922
Interest	262	259	296	559	550	510	470
Less : Direct Taxes Paid	(693)	(2,169)	(1,656)	(2,115)	(3,379)	(4,172)	(5,003)
(Inc)/Dec in WC	(1,580)	(438)	(3,836)	801	(2,006)	(2,327)	(2,118)
CF from Operations	6,063	6,988	2,987	9,928	8,966	11,040	13,739
Others	(502)	(1,145)	(1,393)	(2,312)	(1,584)	-	-
CF from Oper. Incl. EO Items	5,561	5,842	1,594	7,615	7,382	11,040	13,739
(Inc)/Dec in FA	(208)	(482)	(1,799)	(2,931)	(3,000)	(2,000)	(2,000)
Free Cash Flow	5,353	5,361	(206)	4,685	4,382	9,040	11,739
Investment in liquid assets	(2,645)	(3,165)	983	(2,293)	584	(1,000)	(1,000)
CF from Investments	(2,853)	(3,646)	(816)	(5,224)	(2,416)	(3,000)	(3,000)
(Inc)/Dec in Debt	425	918	2,728	974	(500)	(500)	(500)
Less : Interest Paid	(271)	(312)	(349)	(493)	(550)	(510)	(470)
Dividend Paid	(1,358)	(1,676)	(1,829)	(1,432)	(718)	(2,219)	(2,870)
CF from Fin. Activity	(1,204)	(1,070)	550	(952)	(1,768)	(3,229)	(3,840)
Inc/Dec of Cash	1,504	1,126	1,328	1,439	3,198	4,811	6,899
Add: Beginning Balance	3,084	4,591	5,756	7,084	8,523	11,721	16,532
Closing Balance	4,588	5,717	7,084	8,523	11,721	16,532	23,432

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
SELL	< - 10%
NEUTRAL	> - 10 % to 15%
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures:

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at <http://online-reports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf>

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>

MOFSL, its associates, Research Analyst or their relatives may have any financial interest in the subject company. MOFSL and/or its associates and/or Research Analyst or their relatives may have actual beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any other potential conflict of interests at the time of publication of the research report or at the time of public appearance, however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

In the past 12 months, MOFSL or any of its associates may have:

- received any compensation/other benefits from the subject company of this report
- managed or co-managed public offering of securities from subject company of this research report,
- received compensation for investment banking or merchant banking or brokerage services from subject company of this research report,
- received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report.

- MOFSL and its associates have not received any compensation or other benefits from the subject company or third party in connection with the research report.
- Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report.
- Research Analyst may have served as director/officer/employee in the subject company.
- MOFSL and research analyst may engage in market making activity for the subject company.

MOFSL and its associate company(ies), and Research Analyst and their relatives from time to time may have:

- a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein.
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures. To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the report. MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Disclosure of Interest Statement

Voltas

Analyst ownership of the stock

No

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to subject company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Financial Services Limited (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

MOTILAL Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts"), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and

services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act of Singapore. Accordingly, if a Singapore person is not, or ceases to be, such an investor, they must immediately discontinue any use of this Report and inform MOCMSPL.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. 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 MOFSL 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. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN : 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dp@grievances@motilaloswal.com.