

EHang Holdings (EH US)

Net loss in 4Q24 further narrowed; target to achieve 97% revenue growth in 2025E

EHang's 4Q24 net loss narrowed 35% YoY to RMB47mn, helped by strong electric vertical take-off and landing (eVTOL) aircraft delivery growth of 2.4x YoY. For 2025, EHang targets to achieve revenue of RMB900mn, suggesting 97% YoY growth. EHang is the first manufacturer in China to obtain the three essential certificates for the mass production of eVTOL aircraft, making it 1-2 years ahead of its competitors. We expect the potential approval of operator certification (OC) for its subsidiaries this year will serve as a key share price catalyst. Our earnings forecast for 2025E/26E is unchanged. Maintain **BUY** with unchanged TP of US\$30, based on 15x 2025E P/S.

■ **Key highlights in 4Q24 results.** Revenue surged 1.9x YoY to RMB164mn, driven by 2.4x YoY growth of eVTOL aircraft delivery (78 units). Gross margin narrowed 4ppt YoY to 60.7% due to a high base, which is within our expectation. Selling expense ratio /administrative expense ratio / R&D expense ratio were reduced by 14.6ppt / 56ppt / 33ppt YoY to 22% / 42% / 34%. Net loss narrowed by 35% YoY to RMB47mn. EHang achieved positive operating cash flow for five consecutive quarters. For the full year in 2024, EHang's revenue surged 2.9x YoY to RMB456mn while net loss narrowed 24% YoY to RMB230mn. As at end-2024, EHang's net cash and short-term investment amounted to RMB1bn.

■ **Strong sales volume growth on track.** After EHang obtained the Type Certificate (TC) in Oct 23, the Airworthiness Certificate (AC) in Dec 23 and the Production Certificate (PC) in 2024, EHang delivered 49 / 63 / 78 units of EH216 series products in 2Q/3Q/4Q24, representing substantial growth of 8.8x / 3.9x / 2.4x YoY. Deliveries of the EH216 series surged 3.1x YoY to 216 units for the full year in 2024. We forecast deliveries to be doubled in 2025E.

■ **Expansion in both China and overseas.** In China, EHang continues to secure new orders from clients such as Weihai High-Tech Zone and Sunriver, and deliver eVTOL products to multiple cities including Shanghai, Weihai, Wenzhou, Shaoguan, Wuhan, etc. Overseas, EHang has expanded EH216-S's flight footprint to 16 cities in Japan, Thailand and Mexico, and completed Europe's first-ever urban flight of a pilotless eVTOL aircraft in Spain.

Earnings Summary

(YE 31 Dec)	FY23A	FY24A	FY25E	FY26E	FY27E
Revenue (RMB mn)	117	456	899	1,341	1,646
YoY growth (%)	165.0	288.5	97.0	49.2	22.7
Adjusted net profit (RMB mn)	(301.7)	(229.8)	(64.0)	178.5	246.4
EPS (Reported) (RMB cents)	(496.82)	(363.08)	(101.18)	281.98	389.27
YoY growth (%)	na	na	na	na	38.0
Consensus EPS (RMB cents)	na	na	(83.12)	156.91	0.00
P/S (x)	87.5	22.5	11.4	7.7	6.2
P/E (x)	ns	ns	ns	57.6	41.7
P/B (x)	48.1	10.8	11.5	9.6	7.9
Yield (%)	0.0	0.0	0.0	0.1	0.1
ROE (%)	(178.9)	(39.3)	(6.9)	18.2	20.7
Net gearing (%)	(68.1)	(54.0)	(70.2)	(65.3)	(67.0)

Source: Company data, Bloomberg, CMBIGM estimates

BUY (Maintain)

Target Price US\$30.00
Up/Downside 33.6%
Current Price US\$22.45

China Capital Goods

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Stock Data

Mkt Cap (US\$ mn)	1,420.8
Avg 3 mths t/o (US\$ mn)	41.8
52w High/Low (US\$)	26.45/11.59
Total Issued Shares (mn)	63.3

Source: FactSet

Shareholding Structure

Huazhi Hu	30.7%
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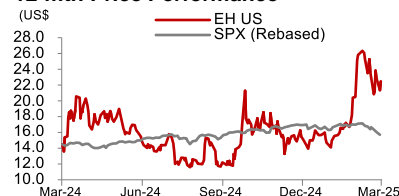
Source: SEC

Share Performance

	Absolute	Relative
1-mth	-10.7%	-3.0%
3-mth	48.1%	60.8%
6-mth	85.4%	86.2%

Source: FactSet

12-mth Price Performance



Source: FactSet

Related report:

First mover in eVTOL set to ride on the momentum of low-altitude economy – 25 Feb 2025 ([link](#))

Figure 1: EHang's quarterly results

(RMB mn)	1Q23	1Q24	Change YoY	2Q23	2Q24	Change YoY	3Q23	3Q24	Change YoY	4Q23	4Q24	Change YoY
Total revenue	22	62	178%	10	102	920%	29	128	348%	57	164	190%
Cost of sales	-8	-24	194%	-4	-38	863%	-10	-50	390%	-20	-65	223%
Gross profit	14	38	169%	6	64	957%	18	78	324%	37	100	172%
Other income	2	4	131%	1	2	234%	1	18	1266%	3	6	138%
S&D expenses	-12	-20	62%	-14	-27	102%	-14	-47	246%	-21	-36	75%
Administrative expenses	-25	-50	99%	-31	-54	75%	-38	-60	55%	-56	-69	24%
R&D expenses	-54	-38	-30%	-37	-62	65%	-38	-44	16%	-38	-56	47%
EBIT	-76	-66	-13%	-75	-77	3%	-70	-55	-22%	-75	-55	-26%
Net finance income/(cost)	0	2	645%	0	6	3876%	1	8	448%	4	11	205%
Other gains/(losses)	-11	1	n/a	1	0	-59%	2	0	-78%	-1	-1	-41%
Share of profit of JV and associates	-0	-0	286%	-2	-1	-65%	-0	-2	545%	0	-2	n/a
Pretax profit	-87	-63	-27%	-76	-72	-5%	-67	-48	-28%	-72	-47	-35%
Income tax	-0	-0	0%	-0	-0	38%	-0	-0	61%	-0	-0	139%
After tax profit	-87	-63	-27%	-76	-72	-5%	-67	-48	-28%	-72	-47	-35%
MI	0	0	-70%	0	0	-41%	0	0	12%	0	0	-90%
Net profit	-87	-63	-27%	-76	-72	-5%	-67	-48	-28%	-72	-47	-35%
Key ratios												
Gross margin	63.9%	61.9%	Change (ppt)	60.2%	62.4%	Change (ppt)	64.6%	61.2%	Change (ppt)	64.7%	60.7%	Change (ppt)
S&D expenses ratio	56.2%	32.8%	-23.4	135.2%	26.8%	-108.4	47.8%	36.9%	-10.9	36.6%	22.0%	-14.6
Administrative expense ratio	112.6%	80.5%	-32.1	310.4%	53.2%	-257.3	134.2%	46.5%	-87.7	98.3%	42.2%	-56.1
R&D expense ratio	243.6%	61.3%	-182.3	373.9%	60.6%	-313.3	131.7%	34.2%	-97.5	67.4%	34.1%	-33.3
Net margin	-392.0%	-102.7%	289.3	-756.8%	-70.2%	686.6	-234.5%	-37.6%	197.0	-128.0%	-28.5%	99.5
Effective tax rate	0.0%	0.0%	-0.0	0.0%	0.0%	-0.0	-0.2%	-0.4%	-0.2	-0.1%	-0.4%	-0.3

Source: Company data, CMBIGM

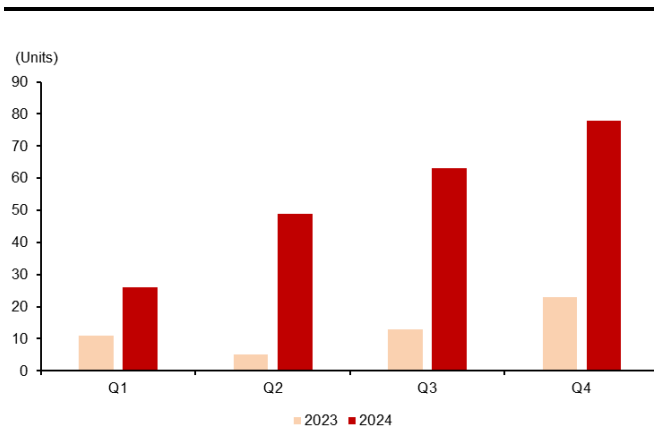
Figure 2: Post-certification orders and intent orders in domestic market

Major customers	# of aircrafts		Total orders
	Delivered	Intent orders	
Taiyuan Xishan Tourism	50	450	500
Wencheng Transportation Development Group	60	240	300
A local customer in Hefei, Anhui	20	80	100
Shenzhen Boling Group	10	90	100
A local customer in Wuxi, Jiangsu	10	90	100
KC Smart Mobility	5	25	30
Sunriver	5	45	50
Weihai High-Tech Zone Cultural and Tourism Industry Investment	30	-	30
Total	195	1,020	1,210

Source: Company data, CMBIGM

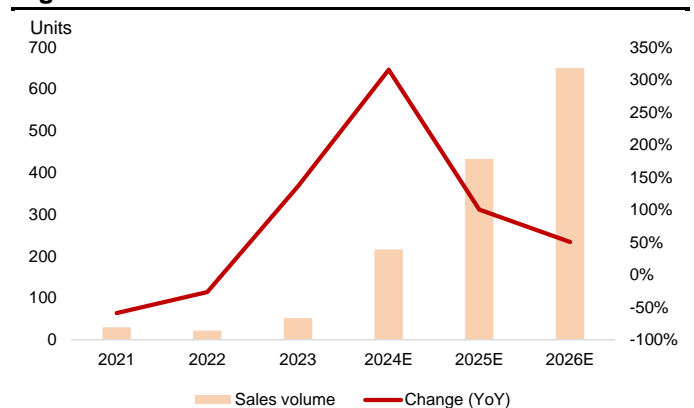
Note: Between Jul 2023 to Dec 2024

Figure 3: Quarterly deliveries of EH216 series in 2023-2024



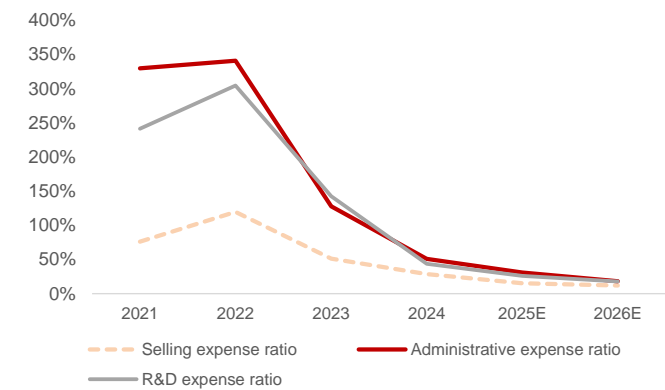
Source: Company data, CMBIGM

Figure 4: Annual deliveries of EH216 series



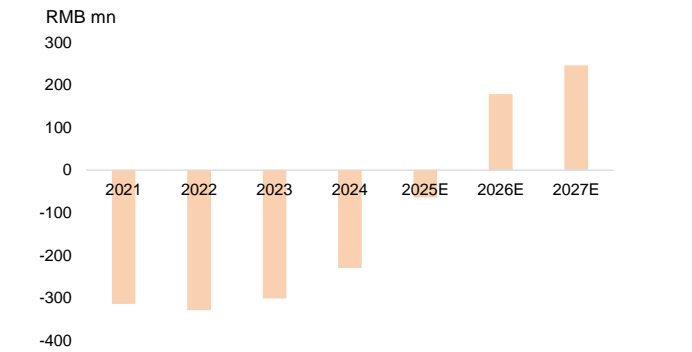
Source: Company data, CMBIGM estimates

Figure 5: SG&A expense ratio on a downtrend



Source: Company data, CMBIGM estimates

Figure 6: Net profit trend



Source: Company data, CMBIGM estimates

Financial Summary

INCOME STATEMENT	2022A	2023A	2024A	2025E	2026E	2027E
YE 31 Dec (RMB mn)						
Revenue	44	117	456	899	1,341	1,646
Cost of goods sold	(15)	(42)	(176)	(350)	(534)	(678)
Gross profit	29	75	280	549	808	967
Selling expense	(53)	(60)	(131)	(137)	(161)	(197)
Admin expense	(151)	(150)	(233)	(279)	(245)	(263)
R&D expense	(135)	(167)	(199)	(234)	(241)	(280)
Other income	6	6	30	18	13	16
Other gains/(losses)	(28)	(10)	1	(1)	(1)	(1)
Share of (losses)/profits of associates/JV	0	(2)	(4)	1	1	1
EBITDA	(283)	(275)	(229)	(57)	200	273
Depreciation	21	21	24	25	26	29
EBIT	(304)	(296)	(253)	(82)	173	243
Interest income	5	8	31	21	24	27
Interest expense	(2)	(3)	(3)	(3)	(3)	(3)
Net Interest income/(expense)	3	6	27	18	21	25
Pre-tax profit	(329)	(302)	(230)	(64)	194	268
Income tax	(0)	(0)	(0)	0	(16)	(21)
Minority interest	0	1	0	0	0	0
Net profit	(329)	(302)	(230)	(64)	178	246
Adjusted net profit	(329)	(302)	(230)	(64)	178	246
Gross dividends	0	0	0	0	9	12

BALANCE SHEET	2022A	2023A	2024A	2025E	2026E	2027E
YE 31 Dec (RMB mn)						
Current assets	387	453	1,357	1,562	1,708	2,017
Cash & equivalents	249	228	611	721	794	972
Account receivables	20	35	58	139	118	224
Inventories	72	59	76	49	103	101
ST bank deposits	0	34	30	30	30	30
Financial assets at FVTPL	0	14	0	0	0	0
Other current assets	45	82	582	623	662	690
Non-current assets	144	146	227	240	274	311
PP&E	47	45	60	72	110	145
Deferred income tax	0	0	0	0	0	0
Investment in JVs & assos	10	18	34	34	35	37
Intangibles	2	2	2	3	2	2
Goodwill	0	0	0	0	0	0
Financial assets at FVTPL	0	0	0	0	0	0
Other non-current assets	85	80	131	131	125	128
Total assets	531	599	1,584	1,802	1,981	2,328
Current liabilities	282	250	470	752	753	862
Short-term borrowings	121	73	75	75	75	75
Account payables	35	35	127	409	410	519
Tax payable	0	0	0	0	0	0
Other current liabilities	126	142	268	268	268	268
Non-current liabilities	124	134	158	158	158	158
Long-term borrowings	4	9	21	21	21	21
Other non-current liabilities	120	125	138	138	138	138
Total liabilities	406	384	629	910	911	1,021
Total shareholders equity	124	214	956	892	1,070	1,307
Minority interest	0	0	0	0	0	0
Total equity and liabilities	531	599	1,584	1,802	1,981	2,328

CASH FLOW	2022A	2023A	2024A	2025E	2026E	2027E
YE 31 Dec (RMB mn)						
Operating						
Profit before taxation	(329)	(302)	(230)	(64)	194	268
Depreciation & amortization	21	21	24	25	26	29
Tax paid	0	0	(0)	0	(16)	(21)
Change in working capital	(6)	21	95	182	(70)	(27)
Others	141	171	250	(19)	(22)	(26)
Net cash from operations	(173)	(88)	139	124	113	224
Investing						
Capital expenditure	(12)	(8)	(32)	(30)	(60)	(60)
Acquisition of subsidiaries/ investments	0	0	0	0	0	0
Others	69	(121)	30	19	22	26
Net cash from investing	56	(129)	(2)	(11)	(38)	(34)
Financing						
Dividend paid	0	0	0	0	0	(9)
Net borrowings	37	(55)	13	0	0	0
Proceeds from share issues	70	250	707	0	0	0
Others	0	0	0	(3)	(3)	(3)
Net cash from financing	107	195	720	(3)	(3)	(12)
Net change in cash						
Cash at the beginning of the year	247	249	228	611	721	794
Exchange difference	13	1	(474)	0	0	0
Cash at the end of the year	249	228	611	721	794	972

Source: Company data, CMBIGM estimates. Note: The calculation of net cash includes financial assets.

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