

Hong Kong

ADD (no change)

Consensus ratings*:	Buy 5	Hold 1	Sell 0
Current price:		ł	-IK\$9.02
Target price:		H	K\$12.62
Previous target:		H	K\$10.62
Up/downside:			39.9%
CGS-CIMB / Consens	SUS:		41.9%
Reuters:		(0819.HK
Bloomberg:			819 HK
Market cap:		USS	\$1,311m
		HK\$´	10,163m
Average daily turnove	r:	US	S\$4.95m
		HKS	\$38.36m
Current shares o/s:			1,127m
Free float:			63.5%
*Source: Bloomberg			

Key changes in this note

- > FY20-22F revenue increased by 2.3%
- > FY20-22F GPM increased by 0.8-0.9% pt
- > FY20-22F EPS increased by 19-23%



Tianneng Power International

E-bike market led by delivery/express

- The delivery and express industries are booming amid the Covid-19 outbreak as people increasingly use delivery services and make purchases online.
- We raise EPS by 19-23% in FY20-22F to reflect stronger lead-acid motive battery (LAMB) demand and better GPM.
- Reiterate Add as Tianneng is well positioned to capture robust LAMB demand, thanks to the growing delivery and express industries.

Tianneng will benefit from fast growth in e-bike/e-tri ownerships

We believe Tianneng Power (Tianneng) will be the key beneficiary of the rapid growth in electric-bike (e-bike) and electric-tricycle (e-tri) ownership in China amid the Covid-19 outbreak as demand for delivery and express services surge. E-bikes are a major mode of transportation for delivery while e-tris are the key trucks for last-mile transportation in China's low-tire cities. Tianneng is currently the largest lead-acid motive battery (LAMB) manufacturer in China. We estimate it held c.45% of LAMB (including the primary and replacement market) market share in China in 2019 (c.43% in 2018).

Delivery and express industries booming in a post Covid-19 China

It is increasingly becoming a new normal in a post Covid-19 China for workers and students to ride e-bikes to work or school instead of the metro and buses to avoid public transportation. There has also been a surge in demand for delivery services for meals in many cities as people are reducing dining out. Similarly, online sales are experiencing substantial growth and have become the main shopping channel as consumer behaviours change. Based on various sources (such as industry researches), we estimate the total number of delivery riders in China was over 8m in 2019 while the number of couriers in the express industry was over 5m. We estimate the number of delivery riders and couriers increased sharply in Mar-May on the back of the explosion in delivery and express demand.

E-bike demand to accelerate to c.38m units in 2020F

According to the National Bureau of Statistics (Figures 1 and 2), e-bike demand in China was relatively stable at around 30m units p.a. in 2014 to 2018. However, we believe this will accelerate to c.38m units in 2020F, driven by the rapidly-growing delivery and express industries and the e-bike upgrade cycle due to the new national standards. We believe Tianneng's LAMB output will increase by 13% yoy in FY20F (previously 11%), driven by stronger replacement demand. We also expect the group's GPM to stay at c.15.5% (15.4% in FY18), thanks to stabilised lead prices and benign competition.

Reiterate Add with higher target price of HK\$12.62

We raise FY20-22F EPS by 19-23% due to higher volume growth and better GPM to reflect the boom in the e-bike/e-tri market. Our TP is raised to HK\$12.62, still based on 7x P/E, its upcycle trading range in the past 5-years. Share price catalysts are stable lead price and market share gain. Risk on our bullish call is volatility in lead price.

Financial Summary	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
Revenue (Rmbm)	34,751	40,614	42,255	43,803	45,319
Operating EBITDA (Rmbm)	1,796	2,443	2,613	2,817	2,972
Net Profit (Rmbm)	1,188	1,682	1,759	1,885	1,975
Normalised EPS (Rmb)	1.08	1.52	1.56	1.67	1.75
Normalised EPS Growth	(2.4%)	41.5%	2.6%	7.2%	4.8%
FD Normalised P/E (x)	7.87	5.53	5.39	5.03	4.80
DPS (Rmb)	0.35	0.36	0.37	0.40	0.42
Dividend Yield	4.19%	4.30%	4.49%	4.81%	5.04%
EV/EBITDA (x)	3.00	1.78	1.32	0.85	0.41
P/FCFE (x)	5.15	22.74	5.90	5.30	4.89
Net Gearing	(77.4%)	(76.8%)	(78.2%)	(77.0%)	(76.5%)
P/BV (x)	1.81	1.40	1.21	1.02	0.87
ROE	24.2%	29.0%	24.5%	22.4%	19.8%
% Change In Normalised EPS Estimates			22.7%	18.8%	19.0%
Normalised EPS/consensus EPS (x)			1.08	1.04	1.15

Analyst

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



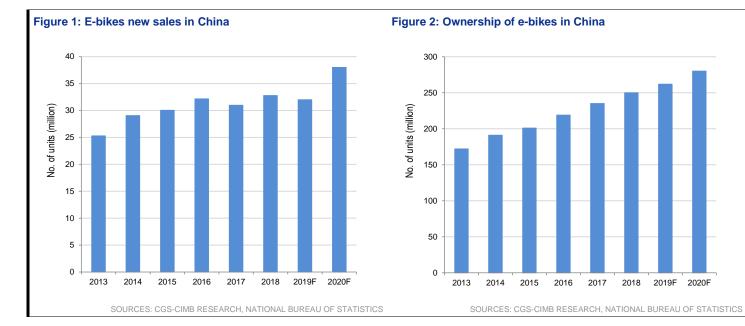
E-bike market led by delivery/express

E-bike demand to accelerate >

According to the National Bureau of statistics, electric bicycle (e-bikes) demand was relatively stable at around 30m units in 2014 to 2018 (Figure 1). Over the same years, ownership of e-bikes in China was approximately 250m units, with a net add of around 10m-15m units per annum (Figure 2).

However, we believe e-bike demand will accelerate to c.38m units in 2020F, fueled by the rapidly-growing delivery and express industry and the e-bike upgrade cycle due to the New National Standards[#].

[#]The national standards for the "Safety Technical Specifications for Electric Bicycles" were formally approved and implemented on 15 April 2019 by the China Administration of Market Supervision and Standardization. The implementation of the new regulations has standardised the market, improved product safety performance and accelerated the intensified competition in the market.





SOURCES: CGS-CIMB RESEARCH, BAIDU.COM

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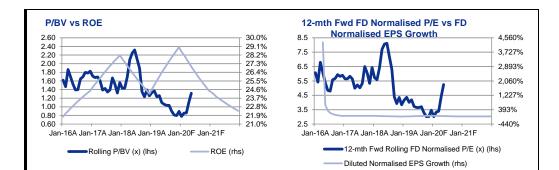
Figure 6: Earnings revisions

	Dec-19A		Dec-20F			Dec-21F			Dec-22F	
FYE Dec (Rmb m)		Old	New	% chg	Old	New	% chg	Old	New	% chg
Revenue	40,614	41,303	42,255	2.3%	42,809	43,803	2.3%	44,293	45,319	2.3%
Gross profit	4,688	4,403	4,883	10.9%	4,684	5,129	9.5%	4,865	5,329	9.6%
Gross profit margin	11.5%	10.7%	11.6%	0.9% pts	10.9%	11.7%	0.8% pts	11.0%	11.8%	0.8% pts
EBITDA	2,805	2,557	2,976	16.3%	2,802	3,183	13.6%	2,938	3,336	13.5%
Net profit	1,682	1,433	1,759	22.7%	1,586	1,885	18.8%	1,660	1,975	19.0%
EPS (Rmb)	1.493	1.27	1.56	22.7%	1.41	1.67	18.8%	1.47	1.75	19.0%

			Price	Target price		Cap	P/	P/E 3-year	3-year	P/E	SV	RO	E	EV/EBITDA	Yield		
Company	Code	Recom.	(local curr)	(local curr)	Upside (%)	(US\$m)	CY2020F	CY2021F	EPS CAGR %	CY2020F	CY2021F	CY2020F	CY2021F	CY2020F	CY2021F	CY2020F	CY2021
Lead-acid battery manufacture	ers																
Tianneng Pow er	819 HK	Add	9.02	12.62	40%	1,311	5.3	4.9	2.4%	1.2	1.0	22.4%	19.8%	1.3	0.9	4.5%	4.8%
Carnel Group	601311 CH	Not Rated	9.11	N/A	n.a.	1,108	12.2	10.8	8.6%	1.1	1.0	9.5%	10.0%	N/A	N/A	2.2%	2.5%
Exide Industries	EXID IN	Add	151	224	48%	1,697	12.9	11.3	9.8%	1.8	1.6	14.9%	#N/A	4.8	4.1	1.9%	2.2%
Johnson Controls, Inc	JCI US	Not Rated	28.59	N/A	n.a.	21,267	15.0	13.3	N/A	1.1	1.1	7.1%	8.6%	9.6	8.8	3.8%	3.9%
Average							11.3	10.1	6.9%	1.3	1.2	13.5%	#N/A	5.2	4.6	3.1%	3.4%
Battery materials suppliers																	
Do-Fluoride Chemicals	002407 CH	Not Rated	10.57	N/A	n.a.	1,018	31.1	27.8	24.5%	#N/A N/A	2.3	N/A	6.4%	N/A	N/A	0.0%	0.0%
Sichuan Tianqi Lithium	002466 CH	Not Rated	18.27	N/A	n.a.	3,801	N/A	48.5	-30.7%	2.3	2.7	-6.5%	2.8%	29.1	19.3	0.0%	0.5%
Average							31.1	38.1	-3.1%	2.3	2.5	-6.5%	4.6%	29.1	19.3	0.0%	0.3%



BY THE NUMBERS



Profit & Loss

(Rmbm)	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
Total Net Revenues	34,751	40,614	42,255	43,803	45,319
Gross Profit	4,042	4,688	4,883	5,129	5,329
Operating EBITDA	1,796	2,443	2,613	2,817	2,972
Depreciation And Amortisation	(394)	(485)	(567)	(625)	(678)
Operating EBIT	1,403	1,958	2,046	2,192	2,294
Financial Income/(Expense)	(158)	(162)	(152)	(139)	(123)
Pretax Income/(Loss) from Assoc.	3	(0)	0	0	0
Non-Operating Income/(Expense)	306	363	362	366	364
Profit Before Tax (pre-El)	1,554	2,159	2,257	2,419	2,535
Exceptional Items	(23)	(33)	0	0	0
Pre-tax Profit	1,531	2,126	2,257	2,419	2,535
Taxation	(295)	(400)	(451)	(484)	(507)
Exceptional Income - post-tax					
Profit After Tax	1,235	1,726	1,806	1,935	2,028
Minority Interests	(47)	(44)	(47)	(50)	(53)
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Preference Dividends (Australia)					
Net Profit	1,188	1,682	1,759	1,885	1,975
Normalised Net Profit	1,258	1,758	1,806	1,935	2,028
Fully Diluted Normalised Profit	1,211	1,714	1,759	1,885	1,975

Cash Flow

(Rmbm)	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
EBITDA	1,796	2,443	2,613	2,817	2,972
Cash Flow from Invt. & Assoc.	(3)	0	0	0	0
Change In Working Capital	88	(42)	60	51	54
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	506	585	618	626	629
Net Interest (Paid)/Received	(158)	(162)	(152)	(139)	(123)
Tax Paid	(295)	(400)	(451)	(484)	(507)
Cashflow From Operations	1,934	2,424	2,687	2,872	3,024
Capex	(654)	(1,118)	(1,118)	(1,118)	(1,118)
Disposals Of FAs/subsidiaries				· · ·	· · ·
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	0	0	0	0	0
Cash Flow From Investing	(654)	(1,118)	(1,118)	(1,118)	(1,118)
Debt Raised/(repaid)	572	(889)	39	36	34
Proceeds From Issue Of Shares	0	0	0	0	0
Shares Repurchased	0	0	0	0	0
Dividends Paid	(390)	(400)	(418)	(448)	(470)
Preferred Dividends					
Other Financing Cashflow	(190)	(255)	(255)	(260)	(265)
Cash Flow From Financing	(7)	(1,544)	(635)	(673)	(700)
Total Cash Generated	1,273	(238)	935	1,081	1,206
Free Cashflow To Equity	1,853	417	1,608	1,789	1,940
Free Cashflow To Firm	1,470	1,561	1,824	2,014	2,171

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



BY THE NUMBERS... cont'd

(Rmbm)	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
Total Cash And Equivalents	6,972	7,507	8,442	9,523	10,728
Total Debtors	1,246	1,514	1,575	1,633	1,689
Inventories	2,973	3,740	3,891	4,026	4,163
Total Other Current Assets	21	4	0	0	0
Total Current Assets	11,212	12,765	13,908	15,182	16,581
Fixed Assets	4,295	4,783	5,355	5,869	6,330
Total Investments	0	0	0	0	C
Intangible Assets	0	0	0	0	C
Total Other Non-Current Assets	1,349	1,581	1,400	1,464	1,521
Total Non-current Assets	5,644	6,365	6,756	7,333	7,851
Short-term Debt	2,235	1,659	1,693	1,724	1,754
Current Portion of Long-Term Debt					
Total Creditors	5,752	6,746	7,018	7,262	7,509
Other Current Liabilities	2,566	2,667	2,861	2,913	2,945
Total Current Liabilities	10,553	11,072	11,572	11,899	12,208
Total Long-term Debt	566	253	258	263	267
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	263	441	458	475	492
Total Non-current Liabilities	829	693	716	738	759
Total Provisions	85	78	80	86	90
Total Liabilities	11,467	11,844	12,368	12,722	13,057
Shareholders' Equity	5,147	6,665	7,674	9,171	10,754
Minority Interests	242	622	622	622	622
Total Equity	5,389	7,287	8,296	9,793	11,376

	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
Revenue Growth	29.2%	16.9%	4.0%	3.7%	3.5%
Operating EBITDA Growth	3.2%	36.0%	7.0%	7.8%	5.5%
Operating EBITDA Margin	5.17%	6.01%	6.18%	6.43%	6.56%
Net Cash Per Share (Rmb)	3.70	4.97	5.76	6.69	7.73
BVPS (Rmb)	4.57	5.92	6.81	8.14	9.54
Gross Interest Cover	7.40	7.68	8.02	8.42	8.66
Effective Tax Rate	19.3%	18.8%	20.0%	20.0%	20.0%
Net Dividend Payout Ratio	32.2%	23.3%	23.8%	23.8%	23.8%
Accounts Receivables Days	19.11	12.40	13.38	13.37	13.38
Inventory Days	30.34	34.10	37.37	37.36	37.37
Accounts Payables Days	69.67	63.49	67.40	67.39	67.41
ROIC (%)	38.3%	93.8%	69.4%	70.2%	61.1%
ROCE (%)	18.3%	23.4%	21.9%	20.8%	19.2%
Return On Average Assets	8.9%	10.4%	9.6%	9.4%	9.0%

Key Drivers					
	Dec-18A	Dec-19A	Dec-20F	Dec-21F	Dec-22F
ASP (% chg, main prod./serv.)	N/A	N/A	N/A	N/A	N/A
Unit sales grth (%, main prod./serv.)	35.8%	2.6%	-5.0%	10.0%	3.0%
Util. rate (%, main prod./serv.)	N/A	N/A	N/A	N/A	N/A
ASP (% chg, 2ndary prod./serv.)	N/A	N/A	N/A	N/A	N/A
Unit sales grth (%,2ndary prod/serv)	32.8%	-54.0%	-20.0%	0.0%	0.0%
Util. rate (%, 2ndary prod/serv)	N/A	N/A	N/A	N/A	N/A

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



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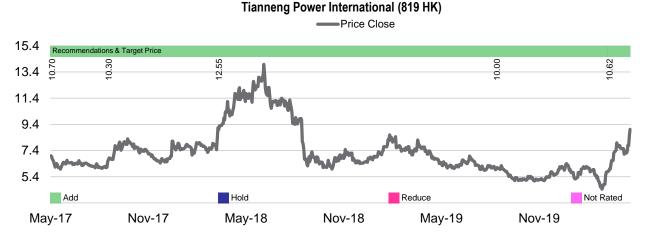
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Spitzer Chart for stock being researched (2 year data)



Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2019, Anti-Corruption 2019

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1 CG Score 2019 from Thai Institute of Directors Association (IOD)

2 AGM Level 2018 from Thai Investors Association

3 Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of November 30, 2018) are categorised into:

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4 The Stock Exchange of Thailand : the record of listed companies with corporate sustainable development "Thai sustainability Investment 2018" included:

SET and mai listed companies passed the assessment conducted by the Stock Exchange of Thailand: THSI (SET) and THSI (mai)

SET listed companies passed the assessment conducted by the Dow Jones Sustainability Indices (DJSI)



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Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
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Neutral	A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.
Underweight	An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.
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