

Equity Research Renewable Energy/ China

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## **Company Update**

## BUY

### Maintained

Close price: HK\$2.56

Target Price: HK\$3.00(+17.2%)

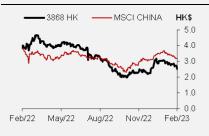
Prior TP: HK\$4.20

**Key Data** 

HKEx code		3868 HK
12 Months High	(HK\$)	4.98
12 Month Low	(HK\$)	1.91
3M Avg Dail Vol.	(mn)	8.55
Issue Share	(mn)	7,440.40
Market Cap	(HK\$mn)	19,047.42
Fiscal Year		12/2022
Major shareholder	(s)	Xinyi Solar (49.03%)

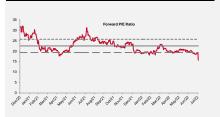
Source: Company data, Bloomberg, OP Research Closing price are as of 03/01/2023

### **Price Chart**



	1mth	3mth	6mth
Absolute %	-16.3	+2.4	-16.6
Rel. MSCI CHINA %	-2 1	-3 1	-16.0

### PΕ



### **Company Profile**

Xinyi Energy is principally engaged in operation of solar farms in China. As at the end of Dec 2022, the total approved capacity of solar farms reached 3,014MW.

# Xinyi Energy (3868 HK)

## FY22 results miss, expecting a rebound for FY23E

- XYE earnings miss due to the unexpected impairment. Net profit dropped 21.2% yoy to HK\$971.5mn on the back of a 0.8% yoy increase in revenue to HK\$2.32bn.
- Distributable income down 10.6% yoy to HK\$1.11bn. Final DPS was HK\$0.074. Together with the interim dividend, Full Year DPS was HK\$0.151.
- Faster collection of government subsidies as the major catalyst.
- FY22 new capacity growth missed the guidance. The company plans to acquire 700MW-1GW subsidy-free solar farms in 2023.
- Maintain BUY and cut TP to HK\$3.00, representing 19.5x PER and 5.8% dividend yield in FY23E.

**FY22** earnings miss. XYE's FY22 revenue and DPS were below our estimation by 10.6% and 14.2% respectively. The company prudently recognized a deduction of revenue for tariff adjustment of HK\$223.8mn after China announced the "Notice on the Explanation of Policies Concerning the Verification and Validation of Renewable Energy Power Generation Subsidies" in Oct 2022. We understand that the impairment covers the potential reduction of subsidies for solar farm projects that are not on the qualified project list. The policy is expected to have some minor impacts on revenue from tariff adjustment in the future.

**Strong operating cash flow.** Xinyi Energy's operating cash flow jumped 136.7% yoy to HK\$2.90bn. The improvement of cash flow was mainly due to the significant increase in receipts of government grants (RMB1.88bn in FY22 versus RMB371mn in FY21). If the receipt from tariff adjustment subsidies continue to speed up, it will ease XYE's pressure to raise gearing for future expansion. The interest cost savings should boost distributable income and DPS in the future.

The decline in solar farm prices should favor the expansion in FY23E. XYE's slowdown in the acquisition of solar farms in FY22 is due to the high acquisition cost. For the whole year, it acquired 520MW solar farms, which is much lower than the guidance of 1GW. Looking forward, XYE plans to acquire 700MW-1GW subsidy-free solar farms in 2023, depending on the cost of new solar farms.

**Maintain BUY and cut the TP to HK\$3.00**, representing 19.5x PER and 5.8% dividend yield in FY23E. We assign a lower TP as a result of (1) narrowing yield spreads, (2) higher borrowing costs, and (3) slow-down in M&A activities. We lower the DPS estimate by -4.9%/-3.7% to HK\$0.174/0.210 in FY23E/24E. We expect a rebound in earnings for FY23E thanks to the new contribution of acquisitions in 2H22E and the Hainan solar farms acquired in Feb 2023.

Exhibit 1: Forecast and Valuation												
Year to Dec (HK\$ mn)	FY21	FY22	FY23E	FY24E	FY25E							
Revenue	2,297	2,315	2,727	3,246	3,804							
Growth (%)	+33.4	+0.8	+17.8	+19.0	+17.2							
Net profit	1,232	971	1,165	1,467	1,794							
Growth (%)	+33.7	-21.2	+19.9	+26.0	+22.3							
Distributable Income	1,243	1,111	1,268	1,536	1,899							
Growth (%)	+23.3	-10.6	+14.2	+21.1	+23.6							
Diluted EPS (HK\$)	0.173	0.133	0.159	0.201	0.246							
EPS growth (%)	+28.9	-22.6	+18.9	+26.0	+22.3							
Change to previous EPS (%)			-23.2	-18.7								
Consensus EPS (HK\$)			0.192	0.229	0.241							
ROE (%)	10.0	8.0	9.4	11.2	13.4							
P/E (x)	14.8	19.1	16.1	12.7	10.4							
P/B (x)	1.5	1.6	1.4	1.4	1.4							
Yield (%)	6.8	5.9	6.8	8.2	10.2							
DPS (HK\$)	0.174	0.151	0.174	0.210	0.260							
On the state of th					-							

Source: Bloomberg, OP Research



Exhibit 2: FY22 Earnings review						
	FY22 (Actual)	FY22 (Forecasted)	FY21 (Actual)	Diff with forecast	Yoy%	Remarks
Profitability Data (in HK\$ mn)						
Revenue	2,315	2,590	2,297	-10.6%	+0.8%	Mainly due to the impairment on the possible deduction of tariff subsidy
Profit attributable to shareholders Distributable Income	971 1,111	1,264 1,278	1,232 1,243	-23.1% -13.1%	-21.2% -10.6%	,
Dividend						
DPS (HK\$)	0.151	0.176	0.174	-14.2%	-13.2%	
Profitability ratio (%)						
Gross Margin ROE	70.6% 8.0%	72.0% 9.6%	73.1% 10.0%	-1.4p.p. -1.6p.p.	-2.5p.p. -2.0p.p.	
Operating ratio (%)						
Admin expenses to revenue	3.1%	2.5%	2.4%	0.6p.p.	0.7p.p.	
Effective tax rate	23.4%	19.8%	15.2%	3.6p.p.	8.2p.p.	Mainly due to the increased contribution from old projects
Key operating figures						
Approved Capacity of solar farms	3,014	3,494	2,494	-13.7%	+20.9%	Expansion of solar farm slower-than-expected
Avg Tariff per kWh (hK\$, VAT included)	0.79	0.84	0.89	-5.5%	-10.8%	<u>-</u>

Source: The Company, OP research

		FY23E			FY24E		OP Comments
(HK\$ mn)	New	Old	% Chg	New	Old	% Chg	
Revenue	2,727	3,178	-14.2	3,246	3,785	-14.3	Mainly due to the slower-than-expected expansion of solar farms
Gross margin	70.2%	70.0%	+0.2p.p.	70.0%	69.1%	+0.9 p.p.	
Net profit	1,165	1,517	-23.2	1,467	1,804	-18.7	
Distributable income	1,268	1,337	-5.2	1,536	1,593	-3.6	
Dividend (HK\$)	0.174	0.183	-4.9	0.210	0.218	-3.7	

Source: OP Research

Exhibit 4: Key assumptions revision										
Approved Capacity of solar farms	Unit	FY23E	FY24E	FY25E						
New	MW	3,814	4,814	5,814						
Old	MW	4,494	5,494	-						
Change (%)		-15.1%	-12.4%	-						
Avg Tariff per kWh (hK\$, VAT included)	ded)									
NI.	LUZO	0.00	0.50	0.50						

Change (%)		-15.1%	-12.4%	-
Avg Tariff per kWh (hK\$, \	/AT included)			
New	HK\$	0.63	0.56	0.53
Old	HK\$	0.69	0.63	-
Change (%)		-8.5%	-9.1%	-

Source: Company, OP Research

### Exhibit 5: Positive catalysts and risks of Xinyi Energy

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Positive	•	Xinyi Energy has the first right to purchase	Risks	•	Higher cost for acquiring new solar farms
catalysts		>1GW of solar farms from Xinyi			Finance costs rises significantly under the
		Solar(968.HK)			Fed rate hike. In Dec 2022, actual borrowing
	•	Low net gearing (26.9% as in Dec 22)			rate jumped to 5.56%.
		enables XYE to have massive acquisition		•	Delay in receipt of government subsidies

Source: OP research



Exhibit 6: Peer	xhibit 6: Peer Group Comparison																
			Mkt	3-mth						Div yld	Div yld			ROE	ROE	Sh px	Sh px
			сар	avg t/o	PER	PER	PER	3-Yr EPS	PEG	Hist	FY1	P/B	P/B	Hist	FY1	1-mth	3-mth
Company	Ticker	Price	(US\$m)	(US\$m)	Hist (x)	FY1 (x)	FY2 (x)	Cagr (%)	(x)	(%)	(%)	Hist (x)	FY1 (x)	(%)	(%)	%	%
Xinyi Energy	3868 HK	2.56	2,427	3.0	19.1	16.1	12.7	5.1	3.17	5.9	6.8	1.6	1.4	8.0	9.4	-16.3	+2.4
HSI		20,619.71			11.1	10.8	9.4	8.1	1.34	3.2	3.3	1.1	1.1	10.1	10.6	-6.6	+10.1
HSCEI		6,914.30			9.4	8.9	8.0	8.0	1.12	3.7	3.6	1.0	1.0	10.6	11.6	-8.5	+8.3
CSI300		4,126.94			14.6	14.3	12.1	10.8	1.3	2.3	2.3	1.8	1.8	12.3	12.3	-1.6	+6.0
Adjusted sector avg*					9.6	8.7	6.9	N/A	N/A	2.3	2.8	0.8	6.5	10.2	6.4	-5.2	+8.6
China Longyuan-H	916 HK	9.91	17,712	23.7	11.3	12.0	8.8	14.7	8.0	1.7	1.6	1.2	1.1	9.1	9.8	-6.9	+5.8
China Datang C-H	1798 HK	0.20	571	0.1	7.0	N/A	N/A	N/A	N/A	N/A	N/A	0.6	N/A	6.3	N/A	-9.1	+13.0
Concord Ne	182 HK	2.79	2,585	6.3	13.6	9.1	7.7	29.2	0.3	1.3	1.9	1.2	1.4	14.0	11.8	+9.8	+26.2
Beijing Energy I	686 HK	1.05	156	1.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1	23.0	-18.3	-9.0	-16.0	-9.5
0.11																	

Gcl Newenergy 451 HK 0.74 814 1.4 6.5

\* Outliners and "N/A" entries are excl. from the calculation of averages

Source: Bloomberg, OP Research



## **Financial Summary**

Year to Dec	FY21	FY22	FY23E	FY24E	FY25E
Income Statement (HK\$ mn)					
Sales of electricity	1,068	1,279	1,613	2,122	2,682
Tariff adjustment	1,218	1,027	1,104	1,114	1,113
Others	10	10	10	10	10
Turnover	2,297	2,315	2,727	3,246	3,804
YoY%	+33.4	+0.8	+17.8	+19.0	+17.2
COGS	-617	-681	-813	-973	-1,141
Gross profit	1,679	1,634	1,914	2,272	2,664
Gross margin	73.1%	70.6%	70.2%	70.0%	70.0%
Other income	1	-22	15	17	20
Selling & distribution	0	0	0	0	0
Admin	-55	-72	-82	-91	-99
R&D	0	0	0	0	0
Other opex	0	0	0	0	0
Total opex	-55	-72	-82	-91	-99
Operating profit (EBIT)	1,626	1,541	1,847	2,199	2,585
Operating margin	70.8%	66.6%	67.7%	67.7%	68.0%
Provisions	0	0	0	0	0
Interest Income	19	2	2	2	2
Finance costs	-188	-270	-379	-384	-395
Profit after financing costs	1,456	1,272	1,469	1,816	2,192
Associated companies & JVs	0	0	0	0	0
Pre-tax profit	1,456	1,272	1,469	1,816	2,192
Tax	-222	-298	-302	-346	-395
Minority interests	-3	-3	-3	-3	-3
Net profit	1,232	971	1,165	1,467	1,794
YoY%	+33.7	-21.2	+19.9	+26.0	+22.3
Net profit Margin	53.7%	42.0%	42.7%	45.2%	47.2%
Distributable income	1,243	1,111	1,268	1,536	1,899
YoY%	+23.3	-10.6	+14.2	+21.1	+23.6
EBITDA	2,158	2,140	2,597	3,089	3,629
EBITDA margin	93.9%	92.4%	95.2%	95.2%	95.4%
EPS (HK\$)	0.173	0.133	0.159	0.201	0.246
YoY%	+28.9	-22.6	+18.9	+26.0	+22.3
DPS (HK\$)	0.174	0.151	0.174	0.210	0.260
Year to Dec	FY21	FY22E	E\/00E	E\/0.4E	
		T I ZZE	FY23E	FY24E	FY25E
Cash Flow (HK\$ mn)		FIZZE	FY23E	FY24E	FY25E
Cash Flow (HK\$ mn) EBITDA	2,185	2,140	2,597	3,089	3,629
	2,185 -702				
EBITDA	-	2,140	2,597	3,089	3,629
EBITDA Chg in working cap Others	-702	2,140 1,146	2,597 -1,110	3,089 708	3,629 865
EBITDA Chg in working cap Others Operating cash	-702 23	2,140 1,146 0	2,597 -1,110 0	3,089 708 0	3,629 865 0
EBITDA Chg in working cap Others	-702 23 <b>1,505</b>	2,140 1,146 0 <b>3,286</b>	2,597 -1,110 0 <b>1,487</b>	3,089 708 0 <b>3,798</b>	3,629 865 0 <b>4,494</b>
EBITDA Chg in working cap Others Operating cash Interests paid Tax	-702 23 <b>1,505</b> -35 -246	2,140 1,146 0 <b>3,286</b> -88 -298	2,597 -1,110 0 <b>1,487</b> -164 -302	3,089 708 0 <b>3,798</b> -326 -346	3,629 865 0 <b>4,494</b> -384 -395
EBITDA Chg in working cap Others Operating cash Interests paid	-702 23 <b>1,505</b> -35	2,140 1,146 0 <b>3,286</b> -88	2,597 -1,110 0 <b>1,487</b> -164	3,089 708 0 <b>3,798</b> -326	3,629 865 0 <b>4,494</b> -384
Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment	-702 23 <b>1,505</b> -35 -246 <b>1,225</b>	2,140 1,146 0 <b>3,286</b> -88 -298 <b>2,899</b>	2,597 -1,110 0 <b>1,487</b> -164 -302 <b>1,020</b>	3,089 708 0 <b>3,798</b> -326 -346 <b>3,126</b>	3,629 865 0 <b>4,494</b> -384 -395 <b>3,714</b>
Chg in working cap Others Operating cash Interests paid Tax Net cash from operations	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128	2,140 1,146 0 <b>3,286</b> -88 -298 <b>2,899</b> -1,597	2,597 -1,110 0 <b>1,487</b> -164 -302 <b>1,020</b> -3,050	3,089 708 0 <b>3,798</b> -326 -346 <b>3,126</b> -3,450	3,629 865 0 <b>4,494</b> -384 -395 <b>3,714</b> -3,150
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0	2,140 1,146 0 <b>3,286</b> -88 -298 <b>2,899</b> -1,597	2,597 -1,110 0 <b>1,487</b> -164 -302 <b>1,020</b> -3,050 0	3,089 708 0 <b>3,798</b> -326 -346 <b>3,126</b> -3,450 0	3,629 865 0 <b>4,494</b> -384 -395 <b>3,714</b> -3,150 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0	2,140 1,146 0 <b>3,286</b> -88 -298 <b>2,899</b> -1,597 0 2	2,597 -1,110 0 <b>1,487</b> -164 -302 <b>1,020</b> -3,050 0 2	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2	3,629 865 0 <b>4,494</b> -384 -395 <b>3,714</b> -3,150 0 2
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048	3,089 708 0 <b>3,798</b> -326 -346 <b>3,126</b> -3,450 0 2	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0	2,140 1,146 0 <b>3,286</b> -88 -298 <b>2,899</b> -1,597 0 2	2,597 -1,110 0 <b>1,487</b> -164 -302 <b>1,020</b> -3,050 0 2	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0	3,629 865 0 <b>4,494</b> -384 -395 <b>3,714</b> -3,150 0 2
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -3,148 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0 - <b>3,109</b> 0 - <b>1,130</b>	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0 -3,448 0 0	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -3,148 0 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0 - <b>3,109</b> 0 - <b>1,130</b> 3,005	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0 -3,448 0 0 -1,268 1,816	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -3,148 0 0 -1,536 1,198
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others	-702 23 <b>1,505</b> -35 -246 <b>1,225</b> -3,128 0 19 0 - <b>3,109</b> 0 0 -1,130 3,005 -225	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 -3,448 0 0 -1,268 1,816	3,629 865 0 4,494 -384 -3,150 0 2 0 -3,148 0 0 -1,536 1,198
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others Financing cash	-702 23 1,505 -35 -246 1,225 -3,128 0 19 0 -3,109 0 0 -1,130 3,005 -225 1,649	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0 1,556	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 -3,448 0 0 -1,268 1,816 0	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -3,148 0 0 -1,536 1,198 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others Financing cash Net change in cash	-702 23 1,505 -35 -246 1,225 -3,128 0 19 0 -3,109 0 0 -1,130 3,005 -225 1,649 -235	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0 1,556 -472	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 -3,448 0 0 -1,268 1,816 0	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -3,148 0 0 -1,536 1,198 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others Financing cash Net change in cash Exchange rate or other Adj	-702 23 1,505 -35 -246 1,225 -3,128 0 19 0 -3,109 0 -1,130 3,005 -225 1,649 -235 27	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0 -619 686 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0 1,556 -472 0	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0 -1,268 1,816 0 548 226	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -1,536 1,198 0 -338 228 0
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others Financing cash Net change in cash Exchange rate or other Adj Opening cash	-702 23 1,505 -35 -246 1,225 -3,128 0 19 0 -3,109 0 -1,130 3,005 -225 1,649 -235 27 1,312	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0 -619 686 0 1,105	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0 1,556 -472 0 1,791	3,089 708 0 3,798 -326 -3,450 0 2 0 -1,268 1,816 0 548 226 0 1,318	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -1,536 1,198 0 -338 228 0 1,544
EBITDA Chg in working cap Others Operating cash Interests paid Tax Net cash from operations Capex and Investment Dividends received Interest received Others Investing cash Issue of shares Buy-back Dividends paid Net change in bank loans Others Financing cash Net change in cash Exchange rate or other Adj	-702 23 1,505 -35 -246 1,225 -3,128 0 19 0 -3,109 0 -1,130 3,005 -225 1,649 -235 27	2,140 1,146 0 3,286 -88 -298 2,899 -1,597 0 2 0 -1,595 780 0 -1,237 -161 0 -619 686 0	2,597 -1,110 0 1,487 -164 -302 1,020 -3,050 0 2 0 -3,048 0 0 -1,111 2,666 0 1,556 -472 0	3,089 708 0 3,798 -326 -346 3,126 -3,450 0 2 0 -1,268 1,816 0 548 226	3,629 865 0 4,494 -384 -395 3,714 -3,150 0 2 0 -1,536 1,198 0 -338 228 0

Year to Dec	FY21	FY22	FY23E	FY24E	FY25E
Ratios					
Gross margin (%)	73.1	70.6	70.2	70.0	70.0
Operating margin (%)	70.8	66.6	67.7	67.7	68.0
Net margin (%)	53.7	42.0	42.7	45.2	47.2
Selling & dist'n exp/Sales (%)	0.0	0.0	0.0	0.0	0.0
Admin exp/Sales (%)	2.4	3.1	3.0	2.8	2.6
Payout ratio (%)	100.3	114.3	108.9	104.7	105.8
Effective tax (%)	15.2	23.4	20.6	19.0	18.0
Total debt/equity (%)	39.1	42.4	59.1	71.6	79.0
Net debt/equity (%)	30.1	26.9	48.9	60.0	65.9
Current ratio (x)	1.3	1.0	1.2	1.1	0.9
Quick ratio (x)	1.3	1.0	1.2	1.1	0.9
Inventory T/O (days) AR T/O (days)	0 800	0 527	0 425	204	102
AP T/O (days)	492	537 364	435 360	304 360	192 360
Cash conversion cycle (days)	308	173	75	(56)	(168)
Asset turnover (x)	0.1	0.1	0.1	0.1	0.1
Financial leverage (x)	1.6	1.7	1.7	1.8	1.9
EBIT margin (%)	70.8	66.6	67.7	67.7	68.0
Interest burden (x)	0.9	0.8	0.8	0.8	0.8
Tax burden (x)	0.8	0.8	0.8	0.8	0.8
Return on equity (%)	10.0	8.0	9.4	11.2	13.4
Year to Dec	FY21	FY22	FY23E	FY24E	FY25E
Balance Sheet (HK\$ mn)					
Fixed assets	13,838	13,573		19,357	
Goodwill	445	373	373	373	373
Financial assets	0	0	0	0	0
Right-of-use assets	699	688	688	688	688
Other non-current assets  Non-current assets	81 <b>15,063</b>	107 <b>14,740</b>	107	107 <b>20,524</b>	107 <b>22,638</b>
Inventories	15,065	14,740	0	20,324	22,036
AR	5,031	3,408	3,252	2,702	2,002
Contracted assets	0,001	0,400	0,202	2,702	2,002
Prepayments & deposits	0	0	0	0	0
Other current assets	3	1	1	1	1
Cash	1,105	1,791	1,318	1,544	1,772
Current assets	6,139	5,200	4,571	4,247	3,775
AP	831	679	802	960	1,125
Tax	51	53	53	53	53
Accruals & other payables	0	0	0	0	0
Bank loans	2,036	2,892	2,892	2,892	2,892
Amount due to parent co	1,754	1,388	0	0	0
Other current liabilities	32	86	86	86	86
Current liabilities	4,704	5,099	3,833	3,991	4,156
Bank loans	2,844	2,061	4,728	6,544	7,742
Other payable	66	57	57	57	57
Deferred tax & others	1,027	961	961	961	961
Non-current liabilities	3,937	3,079	5,745	7,562	8,760
Total net assets	12,560	11,762	12,955	13,219	13,497
Shareholder's equity	12,553	11,753	12,943	13,204	13,480
Share capital	71	74	74	74	74
Reserves	12,482	11,679		13,130	13,406
MI	8	9	12	14	17
BVPS (HK\$)	1.77	1.61	1.77	1.81	1.85

Source: Company, OP Research

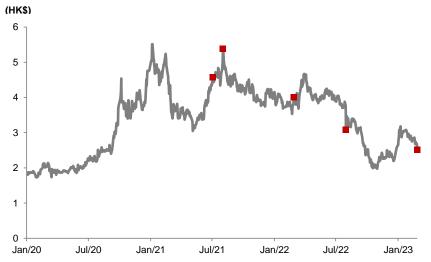


## **Our recent reports**

Date	Company / Sector	Ticker	Title	Rating	Analyst
24/02/2023	Edvantage Group	382	FY23Q1 operations on track	BUY	John Siah
13/02/2023	Newborn Town	9911	More social apps expecting to begin bearing fruit	BUY	John Siah
02/02/2023	China Water Affairs	855	Tapping into opportunities in the direct drinking water market	BUY	John Siah
18/01/2023	361 Degrees	1361	The worst has likely passed	BUY	John Siah
05/12/2022	China Edu Group	839	Higher vocational education leads the growth	BUY	John Siah
05/12/2022	New Higher Edu	2001	FY22 results slightly beat, emphasis on quality education	BUY	John Siah
29/11/2022	Edvantage Group	382	FY22 earnings beat, moderate growth ahead	BUY	John Siah
20/10/2022	361 Degrees	1361	Lockdown may impact sales in Q4	BUY	John Siah
20/10/2022	Greentown Mgmt	9979	Impressive new contracts growth in Q3 under severe headwinds	BUY	John Siah
16/09/2022	EVA Holdings	838	Decent earnings outlook supported by strong order backlogs	BUY	John Siah
02/09/2022	Tian Lun Gas	1600	1H22 results missed, tough near-term outlook	HOLD	John Siah
02/09/2022	HK Tech Venture	1137	1H22 results beats amid better costs management	BUY	John Siah
31/08/2022	AAC Tech	2018	Headwinds likely to persist in 2H22E	HOLD	John Siah
31/08/2022	Truly Int'l	732	1H22 earnings decline as expected, negatives priced in	BUY	John Siah
26/08/2022	361 Degrees	1361	1H22 earnings beats, strong growth in e-commerce and kids' wear	BUY	John Siah
03/08/2022	Xinyi Energy	3868	Flat earnings growth in 1H22, slowing M&A pace due to high prices	BUY	John Siah
01/08/2022	Greentown Mgmt	9979	Impressive growth trajectory in 1H22 despite industry headwinds	BUY	John Siah
20/07/2022	361 Degrees	1361	Retail sales in 2Q2022 remained robust, even under COVID lockdown	BUY	John Siah
11/07/2022	Truly Int'l	732	Automotive display missed in 1H22 on weak car sales	BUY	John Siah
07/07/2022	EVA Holdings	838	Kicking off a new growth cycle	BUY	John Siah
04/05/2022	China Edu Group	839	1H22 results showed strong organic growth of higher schools	BUY	John Siah

### Historical recommendations and target price: Xinyi Energy (3868 HK)

(as of 03/01/2023)



	Date	Rating	TP	Close	
1	7 Jul 2021	BUY	HK\$5.80	HK\$4.84	
2	5 Aug 2021	BUY	HK\$6.50	HK\$5.72	
3	2 Mar 2022	BUY	HK\$5.70	HK\$4.20	
4	3 Aug 2022	BUY	HK\$4.20	HK\$3.16	
5	2 Mar 2023	BUY	HK\$3.00	HK\$2.56	



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Buy (B) We expect this stock outperform the relevant benchmark greater than 15% over the next 12 months.

We expect this stock to perform in line with the relevant benchmark over the next 12 months.

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**Relevant Benchmark** Represents the stock closing price as at the date quoted in this report.

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