Q1: Quarterly Industry Update

AS OF March 31, 2018



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Energy Storage

INDUSTRY SUMMARY

COGENT VALUATION identified **Energy Storage** publicly traded companies, IPOs, and recent M&A transactions within the Energy Storage industry, which provides a basis for market and transaction pricing that can be used by your firm in estimating market sentiment and its impact on your firm's value. Over the last year since March 31, 2017, the median 52-week share price return of the Energy Storage industry was -1.8%. Between March 31, 2016 and March 31, 2018, the median EV/EBITDA multiple increased from 11.2 to 12.4. Furthermore, the median price-to-earnings multiple increased from 14.1 to 20.5 over the same period. The median revenue growth and EBITDA margins for the industry for the quarter were 5.7% and 6.3%, respectively.

Public Company Key Statistics	Median 52-Week Return	Median 3-Year CAGR Return -7.3%	Median EV/Revenue Multiple 1.0x
	Median EV/EBITDA	Median Price/Earnings	Median EV/Gross CF
	Multiple	Multiple	Multiple
	9.4X	13.4x	15.0x

Comparable Public Company Market Price Returns as of March 31, 2018

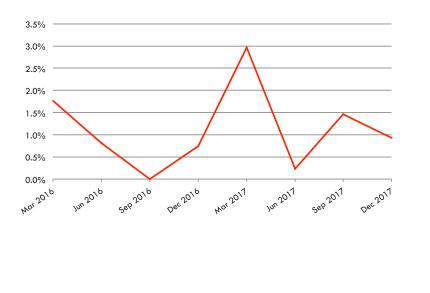
	YTD	3 Month	1 Year	2 Year	3 Year	2016	2015	2014
CBAK Energy Technology, Inc.	4.8%	-1.7%	4.8%	-27.5%	-7.3%	-49.9%	51.9%	-16.7%
EnerSys	-10.8%	0.7%	-10.8%	11.6%	4.1%	39.6%	-9.4%	- 11.9 %
Highpower International, Inc.	57.4%	-19.6%	57.4%	11.1%	-9.4%	-21.7%	-39.6%	94.1%
Ultralife Corporation	32.3%	-3.0%	32.3%	0.7%	27.9%	-23.4%	106.4%	-11.8%
Universal Power Group, Inc.	-11.5%	-6.1%	-11.5%	-14.3%	-18.6%	-17.0%	-26.5%	47.1%
Median of Industry Public Companies	4.8%	-3.0%	4.8%	0.7%	-7.3%	-21.7%	-9.4%	-11.8%

Multiple year periods are calculated as the average annual return.

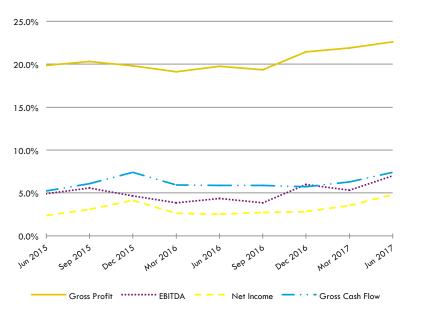


Lowest Return Median Return

Industry Revenue Growth and Profit Margins for the Past Two Years



Median Quarterly Revenue Growth of All Biofuel Companies



Median Gross Profit, EBITDA, Net Income, and Gross Cash Flow Margins

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Median Public Companies

The chart below illustrates Public Company Multiples.

	3/31/18	9/30/17	6/30/17	3/31/17	12/31/16	9/30/16	6/30/16	3/31/16
EV/Revenues Multiple	1.2x	1.1x	1.2x	0.9x	0.8x	0.7x	0.9x	1.0x
EV/EBITDA Multiple	12.4x	10.0x	11.2x	10.6x	10.3x	9.8x	12.5x	11.2x
Price/Earnings Multiple	20.5x	18.3x	19.6x	21.4x	21.6x	22.7x	17.8x	14.1x
EV/Gross Cash Flows Multiple	17.7x	13.4x	14.9x	14.9x	15.3x	15.0x	15.5x	14.8x
Highest Multiple Lowest Multiple Median Multiple								

Industry Initial Public Offerings—Industry: Energy Storage (dollars in millions, except share prices)

Offer Date	Company Name	Offer Price	Shares Offered	Amount Raised	Total Assets	Debt	LTM Revenues	LTM EBITDA	LTM Net Income	LTM Cash Flows
10/26/17	Shanghai Putailai New Energy Technology Co.,	\$3.25	0.5	\$1.7	\$51.9	\$15.7	\$79.6	\$6.4	\$2.9	\$7.0
10/18/17	Varta AG	\$19.00	15.0	\$285.0	\$1,410.5	\$1,057.1	\$491.9	\$142.0	(\$26.1)	\$182.0
10/10/17	Voltabox AG	\$7.00	3.0	\$21.0	\$32.0	\$11.7	\$89.3	\$3.3	\$1.4	\$3.4
10/5/17	Goldstar Power Limited	\$0.39	12.0	\$4.6	\$8.1	\$4.2	\$0.2	(\$3.5)	(\$4.0)	(\$3.3)
9/22/17	Shin Heung Energy & Electronics Co., Ltd.	\$12.00	7.0	\$84.0	\$6.7	\$4.1	N/A	N/A	N/A	N/A
9/15/17	mPLUS Corp.	\$17.00	8.0	\$136.0	\$23.3	\$0.0	\$3.4	(\$15.4)	(\$18.8)	(\$14.7)
6/19/08	Highpower International, Inc.	\$14.00	5.0	\$70.0	\$78.3	\$39.5	\$82.1	\$15.7	\$5.3	\$18.0
	Median of all IPOs	nm	nm	\$70.0	\$32.0	\$11.7	\$80.8	\$4.8	(\$1.3)	\$5.2

Multiple year periods are calculated as the average annual return.

Highest Return

Lowest Return Median Return

Recent Merger and Acquisition Transactions for a Majority Stake (dollars in millions)

Transaction Date	¹ Target	Acquirer	Transaction Size	% Bought
1/22/18	Novonix Battery Testing	Graphitecorp Limited	\$5.3	100%
9/1/17	Tohoku Murata Manufacturing	Aqua Metals, Inc.	\$2.3	100%
8/1/17	Go Power! Electric Inc.	Minebea Co., Ltd.	\$651.5	100%
7/14/17	Aquion Energy, Inc.	Hitachi Chemical Co.	\$92.2	51%
6/2/17	Novonix Battery Testing	VanSpar Mining Inc.	\$3.3	100%
4/13/17	Ebonex IPR Limited	TOTAL S.A.	\$1,368.3	100%
1/24/17	Mitsumi Electric Co., Ltd.	Platypus Minerals Ltd (nka:Lepidico Ltd)	\$11.2	100%
6/1/16	Fiamm Batterie S.r.l.	Solid State plc	\$2.2	100%
4/8/16	T&t Enertechno Co., Ltd.	Shenzhen Selen Science	\$86.4	100%
6/30/15	Leclanché SA	Oakridge Global Energy Solutions, Inc.	\$46.1	45%
5/5/15	Magna Steyr Battery	Samsung SDI Co. Ltd.	\$120.0	100%

Highest Lowest

Median

(Continued on next page)

Recent Merger and Acquisition Transactions for a Majority Stake (dollars in millions)

(Continued from previous page)

Transaction Date	Target	Acquirer	Transaction Size	% Bought	
4/8/16	SK Continental E-motion	SK Innovation Co., Ltd.	\$14.9	100%	
6/30/15	Ener-tek International, Inc.	OM Group Inc.	\$24.0	100%	
5/5/15	A123 Energy Solutions	NEC Corporation	\$100.0	100%	
12/30/14	Shenzhen Eyang Energy	N/A	\$1.7	100%	
11/24/14	Quallion LLC	EnerSys	\$30.0	100%	
9/30/13	Eltek Electric Vehicles	Valeo SA	\$20.3	100%	
8/23/13	Millennium Power Solutions	Blue Earth Inc.	\$15.2	100%	
	Median of the 28 M&A Transaction Targets				

Lowest

USA

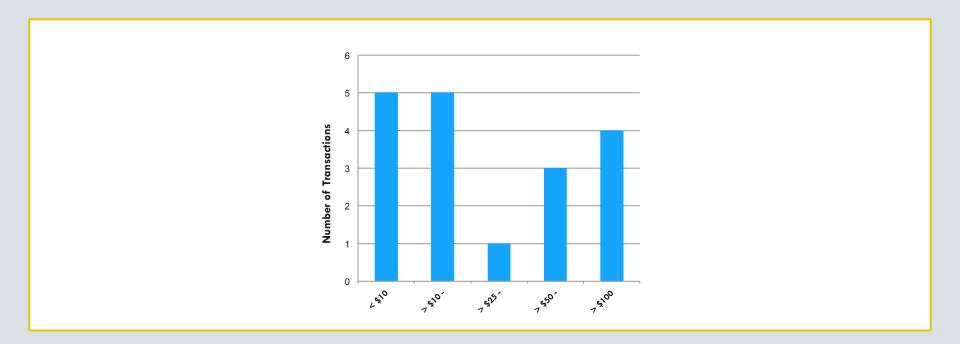
International

Highest

Median

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Recent Merger and Acquisition Transactions for a Majority Stake (dollars in millions) as of March 31, 2018





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Definitions of Financial Terms Used in this Quarterly Industry Update:

Enterprise Value (EV): Market Value of Equity + Market Value of Debt -Cash

Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA): Profitability metric sometimes also referred to as operating profit or operating earnings.

Gross Cash Flows: Net Income + Depreciation and Amortization Expense

Latest Twelve Months (LTM): Financial information is as of the latest twelve months through the date of this Quarterly Industry Update.

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