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	Qingdao Huicheng Environmental Technology Group Co., Ltd.
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	2022	1-6	2021		2020		2019	
	453.94	56.32%	924.17	53.98%	741.34	49.55%	930.81	47.41%
	164.44	20.40%	214.90	12.55%	198.03	13.24%	449.97	22.92%
	79.07	9.81%	281.16	16.42%	231.36	15.46%	309.45	15.76%
	1.21	0.15%	135.96	7.94%	269.12	17.99%	269.88	13.75%
	97.00	12.03%	120.68	7.05%	11.37	0.76%	-	-
	10.33	1.28%	35.09	2.05%	44.91	3.00%	3.10	0.16%
	805.98	100.00%	1,711.96	100.00%	1,496.13	100.00%	1,963.21	100.00%

	2022	1-6	2021	2020	2019
		805.98	1,711.96	1,496.13	1,963.21
		14,406.30	28,486.22	32,385.97	34,379.47
		5.59%	6.01%	4.62%	5.71%

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3-70nm

7-40nm

130-350cm²/g0.2-1.5cm²/g

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Pox

POX

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2019

2020

2021

[2020]

ZG11002

[2021]

ZG10918

[2022]

ZG11393

2022

1-6

	2022/6/30	2021/12/31	2020/12/31	2019/12/31
	2,057,039,081.50	1,611,113,628.78	962,485,059.01	921,689,154.22
	1,339,061,399.00	883,909,291.65	296,524,690.72	272,749,190.01
	717,977,682.50	727,204,337.13	665,960,368.29	648,939,964.21

2022 6 30

	2022 1-6	2021	2020	2019
	144,063,029.51	284,862,176.85	323,859,660.14	343,794,748.38
	-4,840,799.50	14,089,632.58	35,649,320.85	42,264,713.35
	-4,859,848.53	14,218,939.58	32,052,567.81	51,239,934.84
	-4,723,980.83	11,754,160.00	27,015,193.74	42,859,266.44
	-4,723,980.83	11,754,160.00	27,015,193.74	42,859,266.44

2022 1-6

	2022 1-6	2021	2020	2019
	-74,860,892.61	-125,298,811.40	39,113,881.29	57,408,301.11
	-452,388,955.59	-370,989,196.22	-130,115,177.39	-47,405,719.33
	439,188,587.84	561,770,124.28	-32,460,079.20	232,138,510.43
	-87,830,983.39	65,500,930.85	-123,933,737.35	242,073,757.60
	115,621,654.42	203,452,637.81	137,951,706.96	261,885,444.31

2022 1-6

	2022/6/30	2021/12/31	2020/12/31	2019/12/31
	1.16	1.47	1.42	2.33
	0.92	1.21	1.16	2.09
	65.10%	54.86%	30.81%	29.59%
	55.91%	54.47%	26.98%	28.56%
	2022 1-6	2021	2020	2019
	1.17	3.17	3.73	3.09

	1.27	2.80	4.29	5.86
	-0.75	-1.25	0.39	0.57
	-0.88	0.66	-1.24	2.42
	5.59%	6.01%	4.62%	5.71%

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2022 1-6		-0.65%	-0.05	-0.04
		-1.27%	-0.09	-0.08
2021		1.70%	0.12	0.11
		0.68%	0.05	0.04
2020		4.11%	0.27	0.27
		3.00%	0.20	0.20
2019		8.30%	0.48	0.48
		7.19%	0.41	0.41

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2022		1-6		81.09%		40.20%		
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2	/	4		/		105.26% 100%		

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		2019	2020	2021	2022	1-6
				53.43%		
54.55%	57.10%	52.40%				

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2019	2020	2021	2022	1-6		
		26,073.30		24,078.40	21,440.36	
7,294.44					77.65%	75.55%
77.12%	51.29%					

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			34,379.47	32,385.97	28,486.22	
14,406.30					4,285.93	
2,701.52	1,175.42	-472.40			36.44%	28.82%
28.31%	18.46%					

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		2020	6				
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	2022	1-6	2021		2020		2019	
	-	-	-	-	566.28	200.73	2,362.35	820.96
	-	-	-	-	215.41	56.56	465.19	120.64
	-	-	-	-	409.36	134.03	723.97	219.33
	15.55	8.02	1,096.70	264.23	1,544.30	399.6	1,447.26	452.95
	-	-	710.57	181.44	763.63	200.2	902.42	277.16
	15.55	8.02	1,807.27	445.67	3,498.98	991.12	5,901.19	1,891.04
	0.11%	0.30%	6.34%	5.53%	10.80%	10.62%	17.16%	15.10%

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	2022 1-6	2021	2020	2019
FCC	12,212.96	12,564.32	12,664.00	13,683.06
	7,264.75	7,510.47	9,246.37	8,697.71
	26,438.66	21,481.47	23,334.38	21,664.55
	1,000.17	1,420.26	1,692.11	2,045.95

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2022 1-6

2021

	2022 1-6	2021	2020	2019
	%	%	%	%
	5,468.97 47.49	10,029.02 49.98	11,593.47 51.03	10,677.53 50.45

		2021	2022 1-6	
	/m ³	7.03	6.40	-8.96%
	/KWH	0.60	0.69	15.00%
	/t	210.92	318.75	51.12%
	/m ³	3.19	4.03	26.33%
	/	1,178.40	1,407.30	19.42%
	/	1,822.83	2,148.98	17.89%
	/	1,304.70	2,041.38	56.46%
	/	799.08	994.93	24.51%
	/	5,467.47	6,031.04	10.31%
	/	1,928.94	1,854.28	-3.87%
	/	20,837.68	24,266.82	16.46%

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	2022			A		
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			[2016]41	6,000	/	FCC
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2019-2021						
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$$P_1 = P_0 - D$$

$$P_1 = P_0 / (1 + N)$$

$$P_1 = (P_0 - D) / (1 + N)$$

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(本页无正文,为《中德证券有限责任公司关于青岛惠城环保科技集团股份有限公司向特定对象发行A股股票之上市保荐书》之签字盖章页)

项目协办人: 樊佳妮
樊佳妮

保荐代表人: 陈超 毛传武
陈超 毛传武

内核负责人: 何澎湃
何澎湃

保荐业务负责人: 段涛
段涛

保荐人法定代表人、董事长: 侯巍
侯巍

