

Quarterly Medium & Large OLED Display Market Track Sample

2Q, 2022

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- 3. Total Performance Summary**
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- 6. Market Forecast**

1. Reference Guide

Application Covered

- Automotive
- Notebook
- Monitor
- Tablet PC
- TV
- Etc.

Substrate Covered

- Flexible OLED
- Rigid OLED

Nation Covered

- Korea
- China
- Taiwan
- Japan

Actual and Forecast

- Quarterly update
- History : 2-year, Forecast : 5-year

Unit

- Shipments : M pcs
- Revenue : US\$ millions
- Average Selling Price : US\$
- Display Area : (million m²)

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Medium & Large OLED Display Quarterly Market Track
- 2Q22 Data Tables

- [Quarterly Capacity](#)
- [Quarterly Capacity Glass Area](#)
- [Quarterly Capacity Glass Area Chart](#)
- [PIVOT Quarterly Performance](#)
- [PIVOT Quarterly ASP Trend](#)
- [PIVOT Forecast](#)
- [Supply & Demand for TV](#)

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Data_Quarterly

- Contents
- > Capa/month

> Capa/month

	Nation	Company	Fab. Location	Gen	Backplane	OLED Method	Status	Line Status					Possibility	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26				
								PO	Install	PP	MP	RU																														
13	Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	2Q11	1Q12	2Q12	4Q12	-	100%																													
14	Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	4Q12	3Q13	4Q13	3Q14	-	100%																													
15	Korea	Samsung Display	Tangjeong A3	6	LTPO TFT	RGB tandem OLED	Expect	-	-	-	-	4Q23	70%																													
16	Korea	Samsung Display	Tangjeong IT	8.5	Oxide TFT	RGB tandem OLED	Expect	1Q23	1Q24	2Q24	3Q24	-	40%																													
17	Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	1Q20	3Q20	4Q20	4Q21	-	100%																													
18	Korea	LG Display	Paju E3	8.5	Oxide TFT	WRGB OLED	MP	4Q10	3Q11	1Q12	1Q13	1Q18	100%																													
19	Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	2Q13	1Q14	2Q14	3Q14	3Q20	100%																													
20	Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	4Q15	3Q16	4Q16	1Q17	3Q20	100%																													
21	Korea	LG Display	Gumi E5	6	LTPS TFT	RGB OLED	MP	1Q16	4Q16	1Q17	3Q17	-	100%																													
22	Korea	LG Display	Paju E6	6	LTPO TFT	RGB tandem OLED	PO	4Q21	3Q22	1Q23	4Q23	-	60%																													
23	Korea	LG Display	Gangzhou 1	8.5	Oxide TFT	WRGB OLED	MP	1Q18	4Q18	1Q19	3Q20	3Q21	100%																													
24	Korea	LG Display	Gangzhou 2	8.5	Oxide TFT	WRGB OLED	MP	3Q18	2Q19	3Q19	3Q20	3Q21	100%																													
25	China	BOE	Chongqing B12	6	LTPS TFT	RGB tandem OLED	PO	3Q21	2Q22	4Q22	1Q25	-	70%																													
26	China	BOE	Hefei	8.5	Oxide TFT	WRGB OLED	PP	4Q12	4Q13	2Q14	-	-	100%																													
27	Japan	JOLED	Ishikawa	4.5	LTPS TFT	Sol OLED	stopped	1Q16	4Q16	1Q17	1Q18	-	100%																													
28	Japan	JOLED	Ishikawa	6	LTPS TFT	Sol OLED	MP	2Q19	1Q20	2Q20	2Q21	-	100%																													

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Main

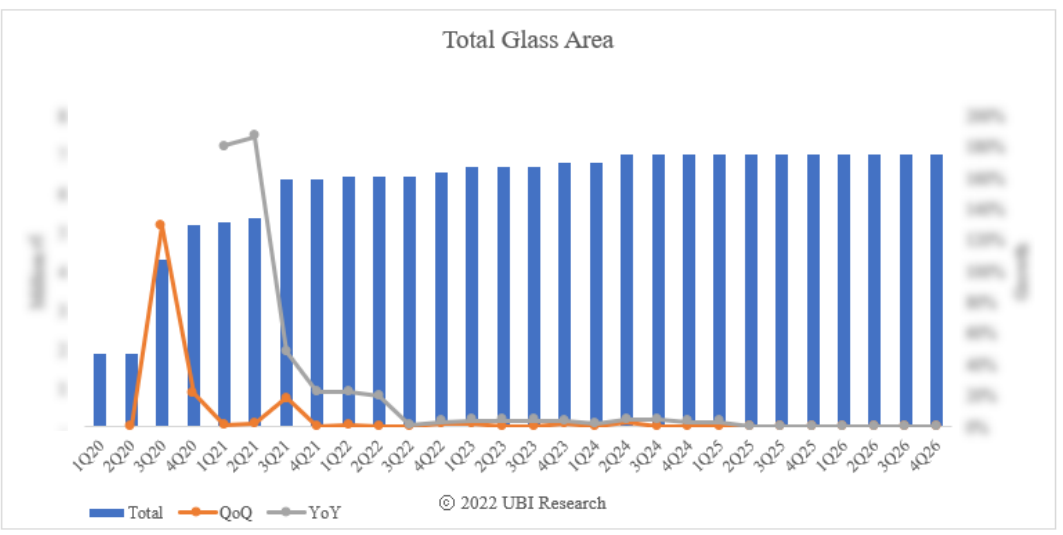
Capacity Chart_Quarterly

- Contents
- > Total Glass Area
- > Glass Area by Company and Ratio
- > Glass Area by Generation and Ratio
- > Glass Area by Application and Ratio

> Total Glass Area

(million m²)

Item	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	
Total																													
QoQ																													
YoY																													



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Main

Quarterly ASP Trend

- Contents
> Pivot of quarterly ASP (US\$)

Nation (All)
Substrate (All)

		US\$																
Application	Size	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
Automotive		100.0								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
etc		10	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Monitor		10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		10	100.0	100.0	100.0	100.0												
		10								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NB		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Tablet		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
TV		10								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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Yearly Forecast Shipment

- Contents
> Pivot of forecast shipment (Mpcs)

Nation (All)
Substrate (All)

		M pcs				
Company	Application	2022	2023	2024	2025	2026
JOLED	Monitor	6.2	5.2	3.2	3.2	4.2
LG Display	Automotive	6.2	5.2	3.2	3.2	4.2
	Tablet	-	-	2.0	4.0	6.0
	TV	8.4	10.5	15.0	15.0	15.0
Samsung Display	etc	7.5	7.1	6.8	6.6	6.4
	Monitor	6.3	6.4	6.5	6.6	6.6
	Notebook	7.0	6.6	12.1	14.7	17.2
	Tablet	2.0	2.0	5.2	11.0	16.0
	TV	6.8	5.0	3.2	3.2	3.2
Total		56.4	55.1	47.8	56.4	70.8

Yearly Forecast Revenue

- Contents
> Pivot of forecast revenue (US\$ million)

Nation (All)
Substrate (All)

		US\$ million				
Company	Application	2022	2023	2024	2025	2026
JOLED	Monitor	70	405	498	564	1,202
LG Display	Automotive	76	415	710	564	1,218
	Tablet	-	-	151	287	400
	TV	6,403	7,086	10,417	9,296	9,401
Samsung Display	etc	204	322	294	270	248
	Monitor	136	170	189	200	190
	Notebook	714	1,054	1,333	1,411	1,892
	Tablet	384	136	393	790	1,092
	TV	626	790	889	889	889
Total		8,094	14,999	18,000	18,962	24,963

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
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Main

Quarterly Supply and Demand Analysis

- Contents
> Supply and Demand Analysis for TV

> Supply and Demand Analysis for TV

(M pcs)

	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26
Supply	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Demand	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Glut	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

