

# Quarterly Medium & Large OLED Display Market Track Sample

**3Q, 2023**

**Chief Analyst  
Dr. Choonghoon YI**

[choonghoon@ubiresearch.com](mailto:choonghoon@ubiresearch.com)  
Website : [www.ubiresearch.com](http://www.ubiresearch.com)

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# 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 : 3-year, Forecast : 5-year

## Unit

- Shipments : M pcs
- Revenue : US\$ millions
- Average Selling Price : US\$
- Display Area : (million m<sup>2</sup>)

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A1

Grid: A-Z, 1-33



**Medium & Large OLED Display Quarterly Market Track**  
- 3Q23 Data Tables

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**Analyst: Choong Hoon Yi: choonghoon@ubiresearch.com**  
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**Data\_Quarterly**

- Contents

> Capa/month

> Capa/month

Nation	Company	Fab. Location	Gen	Backplane	OLED Method	Status	Line Status					Possibility	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	
							PO	Install	PP	MP	RU																		
Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	2Q11	1Q12	2Q12	4Q12	-																		
Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	4Q12	3Q13	4Q13	3Q14	-																		
Korea	Samsung Display	Tangjeong A3	6	LTPO TFT	RGB OLED	MP	4Q15	3Q16	4Q16	1Q17	-																		
Korea	Samsung Display	Tangjeong A5	8.6	Oxide TFT	RGB tandem OLED	Expect	3Q23	3Q24	3Q25	2Q26	-																		
Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	1Q20	3Q20	4Q20	4Q21	-																		
Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	-	-	-	-	-	4Q22																	
Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	-	-	-	-	-	3Q23																	
Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	-	-	-	-	-	2Q24																	
Korea	LG Display	Paju E3	8.5	Oxide TFT	WRGB OLED	MP	4Q10	3Q11	1Q12	1Q13	1Q18																		
Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	2Q13	1Q14	2Q14	3Q14	3Q20																		
Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	4Q15	3Q16	4Q16	1Q17	3Q20																		
Korea	LG Display	Gumi E5	6	LTPS TFT	RGB OLED	MP	1Q16	4Q16	1Q17	3Q17	-																		
Korea	LG Display	Paju E6	6	LTPO TFT	RGB tandem OLED	Install	4Q21	3Q22	1Q23	4Q23	-																		
Korea	LG Display	Guangzhou 1	8.5	Oxide TFT	WRGB OLED	MP	1Q18	4Q18	1Q19	3Q20	3Q21																		
Korea	LG Display	Guangzhou 2	8.5	Oxide TFT	WRGB OLED	MP	3Q18	2Q19	3Q19	3Q20	3Q21																		
China	BOE	Hefei	8.5	Oxide TFT	WRGB OLED	PP	4Q12	4Q13	2Q14	-	-																		
China	BOE	Chongqing B12	6	LTPS TFT	RGB tandem OLED	Install	3Q21	2Q22	2Q24	3Q24	-																		
China	Visionox	Hefei V3	6	LTPS TFT	RGB tandem OLED	Install	3Q22	2Q23	4Q23	1Q24	-																		

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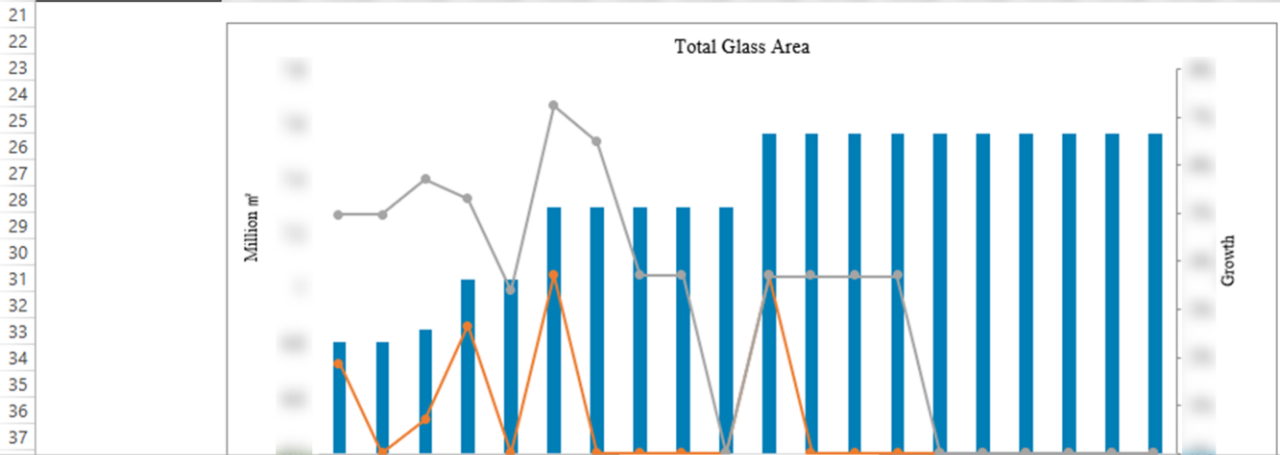
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- ### Capacity Chart\_Quarterly
- Contents
  - > Total Glass Area
  - > Glass Area by Company and Ratio
  - > Glass Area by TFT Technology and ratio
  - > Glass Area by Generation and Ratio
  - > Glass Area by Substrate and Ratio
  - > Glass Area by Nation and Ratio

> Total Glass Area (million m<sup>2</sup>)

Item	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27	
Total																					
QoQ																					
YoY																					





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**Quarterly ASP Trend**

- Contents

> Pivot of quarterly ASP (US\$)

Nation (All)

Substrate (All)

Application	Size	US\$																											
		1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23						
Automotive																													
etc																													
Monitor																													
NB																													
Tablet																													
TV																													

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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
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### Yearly Forecast Shipment

- Contents

> Pivot of forecast shipment (M pcs)

		M pcs				
Company	Application	2023	2024	2025	2026	2027
LG Display	Automotive					
	Tablet					
	TV					
Samsung Display	Automotive					
	etc					
	Monitor					
	NB					
	Tablet					
	TV					
<b>Total</b>						

### Yearly Forecast Revenue

- Contents

> Pivot of forecast revenue (US\$ million)

		US\$ Million				
Company	Application	2023	2024	2025	2026	2027
LG Display	Automotive					
	Tablet					
	TV					
Samsung Display	Automotive					
	etc					
	Monitor					
	NB					
	Tablet					
	TV					
<b>Total</b>						



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General Number Conditional Formatting Format as Table Styles

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Analyze Data Add-ins Analysis Add-ins

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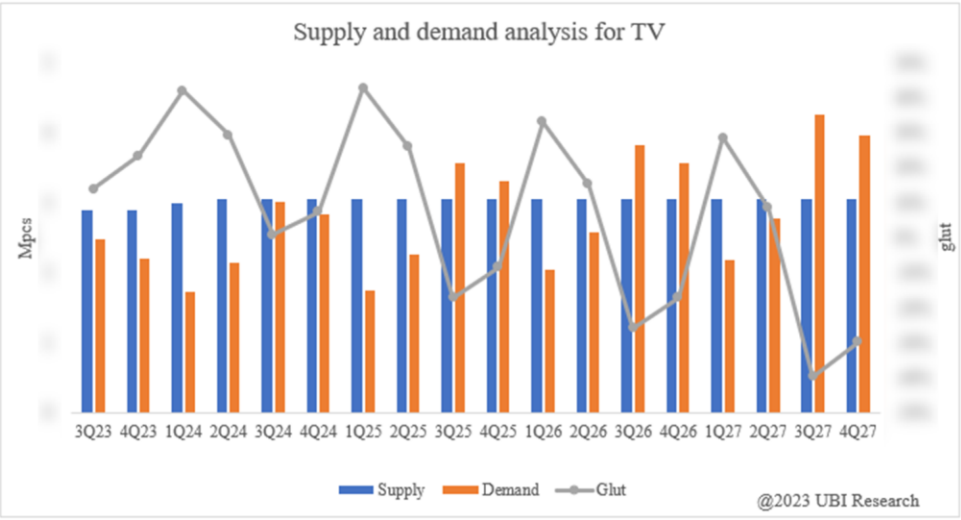


## Quarterly Supply and Demand Analysis

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- > Supply and Demand Analysis for TV

### > Supply and Demand Analysis for TV (M pcs)

	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27
Supply																		
Demand																		
Glut																		





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