Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays

	Parameter	Parameter or value and precision			Unit
1.	Supplier's name or trademark.	LG Electronics			
	Supplier's address.	EU representative of LG Electronics Inc. , Alfred Herrhausen Allee 3-5, 65760 Eschborn, DE			
2.	Model identifier	86QNED87B6A			
3.	Energy Efficiency Class for Standard Dynamic Range (SDR)	D			
4.	On mode power demand in SDR	105			W
5.	Energy Efficiency Class for High Dynamic Range (HDR)	G			
6.	On mode power demand in HDR, if implemented	257			W
7.	Off mode, power demand, if applicable	n.a.			W
8.	Standby mode power demand, if applicable	0,5			W
9.	Networked standby mode power demand, if applicable	2,0			W
10.	Electronic display category	Television			
11.	Size ratio	16	:	9	
12.	Screen resolution	3 840	x	2 160	pixels
13.	Screen diagonal	217,4			cm
14.	Screen diagonal	86			inches
15.	Visible screen area	202,0			dm^2
16.	Panel technology used	LED LCD			
17.	Automatic Brightness Control (ABC) available	Yes			
18.	Voice recognition sensor available	No			
19.	Room presence sensor available	No			
20.	Image refresh frequency rate (default)	120			Hz
21.	Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market)	8			Years
22.	Minimum guaranteed availability of spare parts (from the date of end of the placement on the market)	8			Years
23.	Minimum guaranteed product support	8			Years
	Minimum duration of the general guarantee offered by the supplier	1			Years
24.	Power supply type	Internal			
25.	External power supply (non standardized and included in the product box)				
	i	-			

	ii	Input voltage	-	V
	iii	Output voltage	-	V
26.	External standardised power supply (or suitable one if not included in the product box)			
	i	-		
	ii	Required output voltage	-	V
	iii	Required delivered current (minimum)	-	A
	iv	Required current frequency	-	Hz

EPREL registration number: 2649991

Model placed on the Union market from 13/03/2026.

https://eprel.ec.europa.eu/qr/2649991

Supplier: LG Electronics Deutschland GmbH (Manufacturer) **Website:**

Customer care service:

Name: EU representative of LG Electronics Inc. **Website:**

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