



## LG OLED evo AI OLED83G51LW TV 2.11 m (83") 4K Ultra HD Smart TV Wi-Fi Black



**Brand :** LG

**Product family:** OLED evo AI

**Product code:** OLED83G51LW

**Product name :**  
OLED83G51LW

LG OLED evo AI OLED83G51LW. Display diagonal: 2.11 m (83"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED evo, Screen shape: Flat. Smart TV. Motion interpolation technology: OLED Motion, Response time: 0.1 ms, Native aspect ratio: 16:9. Digital signal format system: DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S. Wi-Fi, Ethernet LAN. Product colour: Black

| Display                              |                                                   | Performance                               |             |
|--------------------------------------|---------------------------------------------------|-------------------------------------------|-------------|
| Display diagonal *                   | 2.11 m (83")                                      | WiSA Ready                                | ✓           |
| HD type *                            | 4K Ultra HD                                       | Multi View                                | ✓           |
| Display technology *                 | OLED evo                                          | Smartphone/tablet remote support          | ✓           |
| Screen shape *                       | Flat                                              | USB recording                             | ✓           |
| Native aspect ratio *                | 16:9                                              | Ports & interfaces                        |             |
| Automatic brightness control         | ✓                                                 | PC in (D-Sub) *                           | ✗           |
| Response time                        | 0.1 ms                                            | Ethernet LAN (RJ-45) ports                | 1           |
| Motion interpolation technology *    | OLED Motion                                       | USB 2.0 ports quantity *                  | 3           |
| Native refresh rate                  | 120 Hz                                            | Digital audio optical out                 | 1           |
| Display refresh rates supported      | 165 Hz                                            | RF ports quantity                         | 2           |
| Display resolution *                 | 3840 x 2160 pixels                                | RF connector type                         | F, IEC      |
| Display diagonal (metric)            | 210 cm                                            | Common interface (CI) *                   | ✓           |
| TV tuner                             |                                                   | HDMI ports quantity *                     | 4           |
| Tuner type *                         | Analog & digital                                  | Consumer Electronics Control (CEC)        | SimpLink    |
| Digital signal format system *       | DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S               | Management features                       |             |
| Auto channel search                  | ✓                                                 | Voice control                             | ✓           |
| Smart TV                             |                                                   | Works with the Google Assistant           | ✓           |
| Smart TV *                           | ✓                                                 | Works with Apple Siri                     | ✓           |
| Internet TV *                        | ✓                                                 | Power                                     |             |
| Operating system installed *         | WebOS                                             | Power consumption (standby) *             | 0.5 W       |
| Operating system version             | 25                                                | Energy efficiency class (SDR) *           | E           |
| Apple AirPlay 2 support              | ✓                                                 | Energy efficiency class (HDR) *           | G           |
| Audio                                |                                                   | Energy consumption (SDR) per 1000 hours * | 125 kWh     |
| RMS rated power *                    | 60 W                                              | Energy consumption (HDR) per 1000 hours * | 350 kWh     |
| Audio output channels                | 4.2 channels                                      | AC input voltage                          | 100 - 240 V |
| Built-in subwoofer                   | ✓                                                 | AC input frequency                        | 50/60 Hz    |
| Audio decoders                       | Dolby Atmos, Dolby Digital                        | Energy efficiency scale                   | A to G      |
| Sound modes                          | AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro | Power supply type                         | Internal    |
| TV Sound Mode Share                  | ✓                                                 |                                           |             |
| Enhanced Audio Return Channel (eARC) | ✓                                                 |                                           |             |

| Network                              |                                                                                                               | Brand-specific features |                                                                                                                                                    |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Wi-Fi *                              | ✓                                                                                                             | LG technologies (AV/TV) | AI Super Upscaling 4K, Bluetooth Surround Ready, Dynamic Tone Mapping Pro, LG Channels, LG Sound Sync, Magic Remote Control, ThinQ™, WOW Orchestra |
| Wi-Fi standards                      | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)                          |                         |                                                                                                                                                    |
| Bluetooth *                          | ✓                                                                                                             |                         |                                                                                                                                                    |
| Bluetooth version                    | 5.3                                                                                                           |                         |                                                                                                                                                    |
| Ethernet LAN *                       | ✓                                                                                                             |                         |                                                                                                                                                    |
| Web browser                          | ✓                                                                                                             |                         |                                                                                                                                                    |
| Design                               |                                                                                                               | Weight & dimensions     |                                                                                                                                                    |
| Product colour *                     | Black                                                                                                         | Width (with stand)      | 1847 mm                                                                                                                                            |
| VESA mounting *                      | ✓                                                                                                             | Depth (with stand)      | 321 mm                                                                                                                                             |
| Panel mounting interface             | 400 x 400 mm                                                                                                  | Height (with stand)     | 1115 mm                                                                                                                                            |
| Introduction year                    | 2025                                                                                                          | Weight (with stand)     | 44.9 kg                                                                                                                                            |
| Performance                          |                                                                                                               | Width (without stand)   | 1847 mm                                                                                                                                            |
| High Dynamic Range (HDR) technology  | Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Dolby Vision, Hybrid Log-Gamma (HLG) | Depth (without stand)   | 28 mm                                                                                                                                              |
| Audio formats supported              | MP2, AAC, MP3, HE-AAC, WMA, AC3, AC4, apt-X, EAC3, PCM                                                        | Height (without stand)  | 1057 mm                                                                                                                                            |
| AI Upscale                           | ✓                                                                                                             | Weight (without stand)  | 39 kg                                                                                                                                              |
| Backlight dimming technology         | Pixel Dimming                                                                                                 | Stand width             | 50.1 cm                                                                                                                                            |
| Picture processing technology        | LG AI Picture Pro                                                                                             | Stand depth             | 32.1 cm                                                                                                                                            |
| Picture processor                    | α11 4K AI                                                                                                     | Packaging data          |                                                                                                                                                    |
| High Dynamic Range (HDR) supported * | ✓                                                                                                             | Package width           | 2050 mm                                                                                                                                            |
| AMD FreeSync                         | ✓                                                                                                             | Package depth           | 253 mm                                                                                                                                             |
| AMD FreeSync type                    | FreeSync Premium                                                                                              | Package height          | 1210 mm                                                                                                                                            |
| NVIDIA G-SYNC                        | ✓                                                                                                             | Package weight          | 54.4 kg                                                                                                                                            |
| NVIDIA G-SYNC type                   | G-SYNC                                                                                                        | Packaging content       |                                                                                                                                                    |
| Game features                        | 4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)     | Mounting kit            | ✓                                                                                                                                                  |
|                                      |                                                                                                               | Mounting kit type       | Wall mount                                                                                                                                         |
|                                      |                                                                                                               | Cables included         | AC                                                                                                                                                 |
|                                      |                                                                                                               | Remote control included | ✓                                                                                                                                                  |
|                                      |                                                                                                               | Remote control type     | Magic Remote MR25GA                                                                                                                                |
|                                      |                                                                                                               | Other features          |                                                                                                                                                    |
|                                      |                                                                                                               | Warranty period         | 5 year(s)                                                                                                                                          |



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### Catalog Object Cloud



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