

## Philips 65OLED820/12 TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Black

**Brand :** Philips

**Product code:** 65OLED820/12

**Product name :** 65OLED820/12

- 164 cm (65") Ambilight TV
- 4K OLED, 144 Hz
- P5 AI perfect picture engine
- Dolby Vision and Dolby Atmos

164 cm (65") Ambilight TV, 4K OLED, 144 Hz, P5 AI perfect picture engine, Dolby Vision and Dolby Atmos  
Philips 65OLED820/12. Display diagonal: 165.1 cm (65"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD. Wi-Fi, Ethernet LAN. Product colour: Black



| Display                               |                                                         | Performance                               |                                                                                    |
|---------------------------------------|---------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------|
| Display diagonal *                    | 165.1 cm (65")                                          | High Dynamic Range (HDR) supported *      | ✓                                                                                  |
| HD type *                             | 4K Ultra HD                                             | AMD FreeSync                              | ✓                                                                                  |
| Display technology *                  | OLED                                                    | AMD FreeSync type                         | FreeSync Premium                                                                   |
| Screen shape *                        | Flat                                                    | NVIDIA G-SYNC                             | ✓                                                                                  |
| Native aspect ratio *                 | 16:9                                                    | NVIDIA G-SYNC type                        | G-SYNC Compatible                                                                  |
| Native refresh rate                   | 120 Hz                                                  | Game features                             | Auto Low Latency Mode (ALLM), Dolby Vision Game, HGiG, Variable Refresh Rate (VRR) |
| Display resolution *                  | 3840 x 2160 pixels                                      |                                           |                                                                                    |
| Display diagonal (metric)             | 164 cm                                                  |                                           |                                                                                    |
| TV tuner                              |                                                         | Ports & interfaces                        |                                                                                    |
| Tuner type *                          | Digital                                                 | HDMI version                              | 2.0/2.1                                                                            |
| Digital signal format system *        | DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD          | Audio Return Channel (ARC)                | ✓                                                                                  |
| Smart TV                              |                                                         | HDCP                                      | ✓                                                                                  |
| Smart TV *                            | ✓                                                       | HDCP version                              | 2.3                                                                                |
| Internet TV *                         | ✓                                                       | PC in (D-Sub) *                           | ✗                                                                                  |
| Operating system installed *          | Google TV                                               | Ethernet LAN (RJ-45) ports                | 1                                                                                  |
| Hybrid Broadcast Broadband TV (HbbTV) | ✓                                                       | USB 2.0 ports quantity *                  | 2                                                                                  |
| Video apps                            | Amazon Prime Video, Apple TV, Disney+, Netflix, YouTube | HDMI ports quantity *                     | 4                                                                                  |
| Audio                                 |                                                         | Consumer Electronics Control (CEC)        | EasyLink                                                                           |
| Number of speakers *                  | 4                                                       | Management features                       |                                                                                    |
| RMS rated power *                     | 70 W                                                    | ECO mode                                  | ✓                                                                                  |
| Audio output channels                 | 4.1 channels                                            | Works with Amazon Alexa                   | ✓                                                                                  |
| Built-in subwoofer                    | ✓                                                       | Works with the Google Assistant           | ✓                                                                                  |
| Subwoofer RMS power                   | 30 W                                                    | Power                                     |                                                                                    |
| Audio decoders                        | DTS:X, Dolby Atmos, Dolby Digital                       | Power consumption (standby) *             | 0.5 W                                                                              |
| Enhanced Audio Return Channel (eARC)  | ✓                                                       | Energy efficiency class (SDR) *           | F                                                                                  |
| Network                               |                                                         | Energy efficiency class (HDR) *           | G                                                                                  |
| Wi-Fi *                               | ✓                                                       | Energy consumption (SDR) per 1000 hours * | 102 kWh                                                                            |
| Wi-Fi standards                       | Wi-Fi 6 (802.11ax)                                      | Energy consumption (HDR) per 1000 hours * | 121 kWh                                                                            |
|                                       |                                                         | AC input voltage                          | 100-240 V                                                                          |
|                                       |                                                         | AC input frequency                        | 50/60 Hz                                                                           |

| Network                             |                                                                                                          | Power                        |           |
|-------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------|-----------|
| Bluetooth *                         | ✓                                                                                                        | Energy efficiency scale      | A to G    |
| Bluetooth version                   | 5.2                                                                                                      | Power supply type            | Internal  |
| Ethernet LAN *                      | ✓                                                                                                        | Brand-specific features      |           |
| Design                              |                                                                                                          | Philips technologies (AV/TV) | Ambilight |
| Product colour *                    | Black                                                                                                    | Weight & dimensions          |           |
| VESA mounting *                     | ✓                                                                                                        | Width (with stand)           | 1444 mm   |
| Panel mounting interface            | 300 x 300 mm                                                                                             | Depth (with stand)           | 280 mm    |
| Ambient lighting                    | ✓                                                                                                        | Height (with stand)          | 896 mm    |
| Performance                         |                                                                                                          | Weight (with stand)          | 27.6 kg   |
| High Dynamic Range (HDR) technology | Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG) | Width (without stand)        | 1444 mm   |
| Game mode                           | ✓                                                                                                        | Depth (without stand)        | 68 mm     |
| Teletext function                   | ✓                                                                                                        | Height (without stand)       | 831 mm    |
| Teletext                            | 1000 pages                                                                                               | Weight (without stand)       | 22.1 kg   |
| Backlight dimming technology        | Micro Dimming                                                                                            | Packaging content            |           |
| Picture processing technology       | Philips P5 Perfect Picture Engine                                                                        | Remote control included      | ✓         |



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## Catalog Object Cloud



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