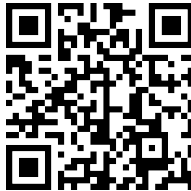


# Product Information Sheet

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.                                                                                          | Samsung                                                                |   |       |        |
|     | Supplier's address.                                                                                                    | Public Contact, Samsung<br>PO Box 12987 Blackrock<br>Co.Dublin Ireland |   |       |        |
| 2.  | Model identifier                                                                                                       | QE83S90FAE                                                             |   |       |        |
| 3.  | Energy Efficiency Class for Standard Dynamic Range (SDR)                                                               | F                                                                      |   |       |        |
| 4.  | On mode power demand in SDR                                                                                            | 150                                                                    |   |       | W      |
| 5.  | Energy Efficiency Class for High Dynamic Range (HDR)                                                                   | G                                                                      |   |       |        |
| 6.  | On mode power demand in HDR, if implemented                                                                            | 379                                                                    |   |       | 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                                                                                                        | 209,0                                                                  |   |       | cm     |
| 14. | Screen diagonal                                                                                                        | 83                                                                     |   |       | inches |
| 15. | Visible screen area                                                                                                    | 187,7                                                                  |   |       | dm²    |
| 16. | Panel technology used                                                                                                  | OLED                                                                   |   |       |        |
| 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)                                                                                 | 144                                                                    |   |       | 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)                   | 7                                                                      |   |       | Years  |
| 23. | Minimum guaranteed product support                                                                                     | 7                                                                      |   |       | Years  |
|     | Minimum duration of the general guarantee offered by the supplier                                                      | 2                                                                      |   |       | Years  |
| 24. | Power supply type                                                                                                      | Internal                                                               |   |       |        |
| 25. | External power supply (non standardized and included in the product box)                                               |                                                                        |   |       |        |
|     | i                                                                                                                      | -                                                                      |   |       |        |
|     | ii                                                                                                                     | Input voltage                                                          | - |       | V      |

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |                                                                                                                                                                                      |                                                                                                                                                                                                  |                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>EPREL registration number:</b> 2205107<br><br>Model placed on the Union market from 21/04/2025.                                                                                                                                                                                                                                                                                                                                     |                                          | <br><br><a href="https://eprel.ec.europa.eu/qr/2205107">https://eprel.ec.europa.eu/qr/2205107</a> |                                                                                                                                                                                                  |                                          |
| <b>Supplier:</b> SAMSUNG ELECTRONICS (UK) LIMITED (Manufacturer)<br><b>Website:</b>                                                                                                                                                                                                                                                                                                                                                    |                                          |                                                                                                                                                                                      |                                                                                                                                                                                                  |                                          |
| <hr/> <b>Customer care service:</b><br><br><table border="0"> <tr> <td> <b>Name:</b> Public Contact<br/><br/> <b>Email:</b> <a href="mailto:eprel@samsung.com">eprel@samsung.com</a><br/><br/> <b>Address:</b><br/>           Samsung<br/>           PO Box 12987<br/>           Blackrock<br/>           Co.Dublin<br/>           Ireland         </td> <td> <b>Website:</b><br/><br/> <b>Phone:</b> n/a         </td> </tr> </table> |                                          |                                                                                                                                                                                      | <b>Name:</b> Public Contact<br><br><b>Email:</b> <a href="mailto:eprel@samsung.com">eprel@samsung.com</a><br><br><b>Address:</b><br>Samsung<br>PO Box 12987<br>Blackrock<br>Co.Dublin<br>Ireland | <b>Website:</b><br><br><b>Phone:</b> n/a |
| <b>Name:</b> Public Contact<br><br><b>Email:</b> <a href="mailto:eprel@samsung.com">eprel@samsung.com</a><br><br><b>Address:</b><br>Samsung<br>PO Box 12987<br>Blackrock<br>Co.Dublin<br>Ireland                                                                                                                                                                                                                                       | <b>Website:</b><br><br><b>Phone:</b> n/a |                                                                                                                                                                                      |                                                                                                                                                                                                  |                                          |