

# 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   | QE65QN90DAT  |      |                 |        |
| 3.  | Energy Efficiency Class for Standard Dynamic Range (SDR)   | F  |      |                 |        |
| 4.  | On mode power demand in SDR  | 90,0   | W    |                 |        |
| 5.  | Energy Efficiency Class for High Dynamic Range (HDR)   | G  |      |                 |        |
| 6.  | On mode power demand in HDR, if implemented  | 210  | 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  | 163,0  |      | cm              |        |
| 14. | Screen diagonal  | 65   |      | inches          |        |
| 15. | Visible screen area  | 114,8  |      | dm <sup>2</sup> |        |
| 16. | Panel technology used  | QLED 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)   | 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>i</i>   | -  |      |                 |        |
|     | <i>ii</i>  | 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 |