

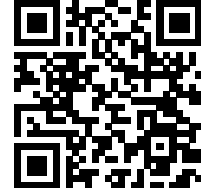
Product Information Sheet

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 PO Box 12987 Blackrock Co.Dublin Ireland | | | |
| 2. | Model identifier | TQ55QN90DAT | | | |
| 3. | Energy Efficiency Class for Standard Dynamic Range (SDR) | F | | | |
| 4. | On mode power demand in SDR | 77,0 | | | W |
| 5. | Energy Efficiency Class for High Dynamic Range (HDR) | G | | | |
| 6. | On mode power demand in HDR, if implemented | 174 | | | 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 | 138,0 | | | cm |
| 14. | Screen diagonal | 55 | | | inches |
| 15. | Visible screen area | 82,3 | | | dm ² |
| 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 |

Model placed on the Union market from 11/03/2024



EPREL registration number: 1862923

<https://eprel.ec.europa.eu/qr/1862923>

Supplier: SAMSUNG ELECTRONICS (UK) LIMITED (Manufacturer)

Website:

Customer care service:

Name: Public Contact

Website:

Email: eprel@samsung.com

Phone: n/a

Address:

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