

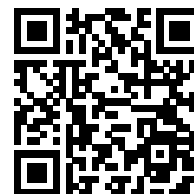
# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2023/1669 with regard to the energy labelling of smartphones and slate tablets

| 1. Trademark                                                                                                                   |                                 | 2. Model identifier                                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|
| Samsung                                                                                                                        |                                 | SM-X820                                                                                                                                       |  |
| 3. General product parameters:                                                                                                 |                                 |                                                                                                                                               |  |
| Parameter                                                                                                                      |                                 | Value                                                                                                                                         |  |
| 4. Device type                                                                                                                 |                                 | Tablet                                                                                                                                        |  |
| 5. Operating system                                                                                                            |                                 | Android                                                                                                                                       |  |
| 6. Energy efficiency class                                                                                                     |                                 | G                                                                                                                                             |  |
| 7. Battery user-replaceable                                                                                                    |                                 | Yes                                                                                                                                           |  |
| 8. Battery endurance per cycle (END <sub>device</sub> [h])                                                                     |                                 | 73                                                                                                                                            |  |
| 9. Battery endurance in cycles - default settings [cycles]                                                                     |                                 | 2 000                                                                                                                                         |  |
| 10. Rated battery capacity (C <sub>rated</sub> [mAh])                                                                          |                                 | 9 800                                                                                                                                         |  |
| 11. Shipped with protective cover                                                                                              |                                 | No                                                                                                                                            |  |
| 12. Repeated free fall reliability test - falls without defect [n]                                                             |                                 | 0                                                                                                                                             |  |
| 13. Repeated free fall reliability test - falls without defect, tested in fully extended state [n]                             |                                 | n.a.                                                                                                                                          |  |
| 14. Repeated free fall reliability class                                                                                       |                                 | E                                                                                                                                             |  |
| 15. Ingress protection rating                                                                                                  |                                 | IP68                                                                                                                                          |  |
| 16. Specified immersion depth in water, in case of IPx8 [m]                                                                    |                                 | 1,50                                                                                                                                          |  |
| 17. Screen scratch resistance on Mohs hardness scale                                                                           |                                 | 5                                                                                                                                             |  |
| 18. Charger                                                                                                                    | Required output power [W]       | 15                                                                                                                                            |  |
|                                                                                                                                | Receptacle type (at device end) | USB-C                                                                                                                                         |  |
| Repairability information:                                                                                                     |                                 |                                                                                                                                               |  |
| 19. Minimum guaranteed availability of operating system security updates, corrective updates and functionality updates (years) |                                 | 7                                                                                                                                             |  |
| 20. Repairability Class (based on the index below)                                                                             |                                 | C                                                                                                                                             |  |
| 21. Repairability Index                                                                                                        |                                 | 2,86                                                                                                                                          |  |
| 21a. Disassembly Depth (S <sub>DD</sub> ) score                                                                                |                                 | 3,15                                                                                                                                          |  |
| 21b. Fasteners (type) score (S <sub>F</sub> )                                                                                  |                                 | 2,90                                                                                                                                          |  |
| 21c. Tools (type) score (S <sub>T</sub> )                                                                                      |                                 | 2,95                                                                                                                                          |  |
| 21d. Spare Part score (S <sub>SP</sub> )                                                                                       |                                 | 2                                                                                                                                             |  |
| 21e. Software Updates (duration) score (S <sub>SU</sub> )                                                                      |                                 | 1                                                                                                                                             |  |
| 21f. Repair Information score (S <sub>RI</sub> )                                                                               |                                 | 5                                                                                                                                             |  |
| 22. Weblink to information on spare parts availability for professional repairers and end users                                |                                 | <a href="https://www.samsung.com/uk/support/self-repair-and-spare-parts/">https://www.samsung.com/uk/support/self-repair-and-spare-parts/</a> |  |

|                                                                        |                                                                                                                                               |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 23. Weblink to repair instructions for end-users                       | <a href="https://www.samsung.com/">https://www.samsung.com/</a>                                                                               |
| 24. Weblink to indicative pre-tax prices                               | <a href="https://www.samsung.com/uk/support/self-repair-and-spare-parts/">https://www.samsung.com/uk/support/self-repair-and-spare-parts/</a> |
| <b>Additional information:</b>                                         |                                                                                                                                               |
| 25. Minimum duration of the guarantee offered by the supplier [months] | 24                                                                                                                                            |

Model placed on the Union market from 05/09/2024



**EPREL registration number:** 2284549

<https://eprel.ec.europa.eu/qr/2284549>

**Supplier:** SAMSUNG ELECTRONICS (UK) LIMITED (Manufacturer)

**Website:**

**Customer care service:**

**Name:** Public Contact

**Website:**

**Email:** [eprel@samsung.com](mailto:eprel@samsung.com)

**Phone:** n/a

**Address:**

Samsung  
PO Box 12987  
Blackrock  
Co.Dublin  
Ireland