



TOUCHSCALE
XS e-POWER

SCALE

TouchScale XS e-20I **e-POWER**

Your usual XS,
ready for an external battery



Optional battery and charger

AUTONOMY UP TO 10 HRS
INTERNET CONNECTION
COMPLETE BUSINESS MANAGEMENT

Model
TouchScale XS e-20I

CERTIFIED



grupoepelsa.com



Balanza

TouchScale XS e-20I

XS e-POWER Go with you

TouchScale XS expands its range to support the high demand of the mobile market.

The TouchScale XS e-20I balance, with hardware ready to connect to an external battery, meets this need by integrating a power source directly into the equipment, without relying on electrical installations.

In addition, since software version 7.7, it is possible to connect the scale to the Internet via a mobile phone using a USB cable.

With the power of the XS range and all the features of version 7.7 of the software, this solution is perfect for those who need to take the scale to different points of sale and keep it operational for full days.

Kit Battery Box

The Battery Box Kit is made up of 2 rechargeable CE Certified AGM (VRLA) batteries that come in a black metal box for safe transport. Moreover, thanks to its charger, you don't need to take them out of the box to recharge them.

- » **Battery type:** AGM Batteries (VRLA) CE Certified
- » **Voltage:** Voltage/Capacity 12 V / 10 Ah (2 batteries in series = 24 V / 10 Ah)
- » **Battery life:** up to 10 hrs*.
- » **Recommended charging time:**
 - With Epelsa external charger: 6 hours*, using the charger supplied with the Epelsa external "box" battery pack.
 - From the scale itself: 12 hours*. Using the scale's own control board (Baterix) as a charger.

Charging via Baterix is recommended whenever possible, even for external batteries, as it offers a more stable and secure charge. However, when fast charging is required due to market needs, the external charger provided by Epelsa can be used.

In case the expected autonomy exceeds the capacity of a set of batteries, an additional already charged "box" is available for replacement.

- » **Dimensions of the box:** 173,4 An x 143,4 Fn x 225 Al
- » **Weight (battery + case):** 7 kg

*Charging times and battery life may vary depending on the age, condition and usage of the batteries. Display brightness settings, printing and network connection may also be affected.



Features

Type	Double body counter scale
Material	ABS
Installation	Counter
Screens	15" user touch screen / 9" customer rear display
Print	Thermal printer 60mm.
O.S.	Linux Raspbian
Connections	3 x USB 2.0 (USB scanner possible), RJ-11 cash drawer. Internet connection via USB to mobile phone
Communications	Ethernet a Gigabit/s
Dimensions	640 AL x 370 FN x 367 AN mm

CAPACITIES

6 kg / 2 g
15 kg / 5 g
30 kg / 10 g
*6-15 kg / 2-5 g
*15-30 kg / 5-10 g

*Multi-interval/Multi-range.
Up to 6,000 divisions.
3 kg- 30 kg with step ≥ 1 g

VENTAJAS

Portable battery box for long days

The XS e-20i stand-alone scale offers a versatile 2-in-1 solution: it can be used connected to the mains at the point of sale, and when you need mobility or do not have a power supply, simply take your Battery Box Kit (optional) or a 24V battery with you to continue working without interruption. The charge level is indicated on the display with traffic light colours.

This box is designed for safe and stable transport, ensuring the protection of the batteries during any journey.

Interchangeable batteries at any time

The ability to quickly replace a discharged battery with a charged one ensures that business never stops. This flexibility is especially valuable in environments where service continuity is a priority.

Connectivity

From software version 7.7 onwards, the scale can be connected to the Internet via a mobile phone via USB.

Flexible and robust solution

The XS 20i with external battery combines the reliability of the XS range with a structure adaptable to different sales scenarios. Its robustness and stability ensure optimal operation even in intensive or changing conditions.

General

The XS e-20i with external battery incorporates the same features as the standard model: 15" touch screen for the user, 9" widescreen rear display for the customer and 60 mm thermal printer with fast, configurable printing.

The novelty lies in the power supply and connectivity: a Battery Box Kit facilitates battery transport, enables quick battery changes and prolongs the service life of the equipment thanks to the possibility of exchanging batteries at any time.

In addition, from software version 7.7 onwards, the scale can be connected to the internet via a mobile phone via USB, even in locations without a fixed network.



Kit Battery box

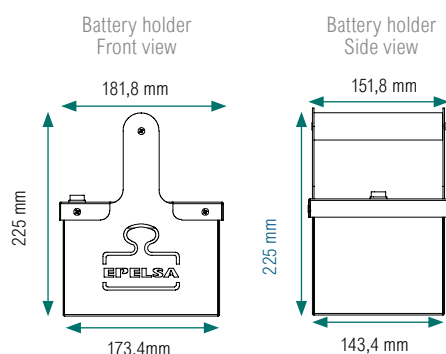
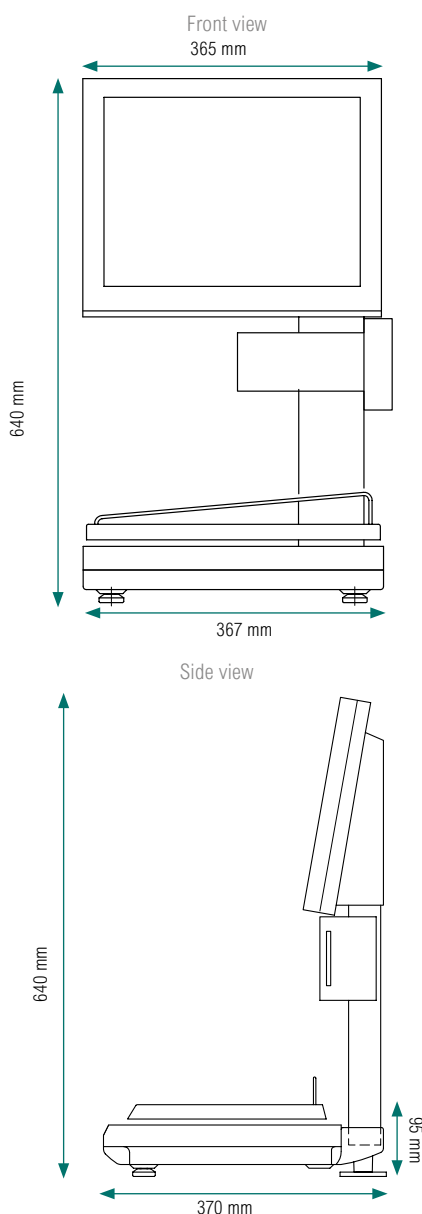
More freedom, more functions

From version 7 of XS, the range is automatically updated, integrates an API for connection to external management systems and adds a DLL for customisation and advanced programming.

On a functional level, it maintains all the features of the XS range: inventory management, orders, collections, multi-vendor, multi-rate, on-screen advertising, automatic backups.

- » Software ENCASE XS (label design).
- » Software VERIFACTU.
- » Software T-BAI
- » Software HYDRA XS
- » API Rest.
- » Automatic updates.
- » Internet connection via USB to mobile
- » DLL library for developers.
- » Integrated FTP / SFTP server.

Dimensions



TECHNICAL DATA

Software

- » MySQL database manager.
- » Database copy and restore (export in .csv).
- » Multi-language.
- » Simplified invoice: VATs, clients, payment methods, etc.
- » Management of sales totals and data listings.
- » Extensive management of sales reports and listings.
- » Complete or partial backups (items, families, VATs, customers).
- » Automatic daily and every 3 hours backup.
- » Import/export of files (TXT, CSV). Data export via USB.
- » Software updates, images and database restorations via USB.
- » Remote desktop access, shared folders, support and SFTP protocol.
- » ENCASE XS software: label design.
- » HYDRA XS software: data exchange with scale system.

Functionalities

- » Customisable work modes: Sale, Automatic and manual packaging, Self-service and Warehouse.
- » Management of stock, orders, collections and inventory.
- » Image carousel advertising with full display control.
- » Image management: advertising, products, families, vendors and logos.
- » Scale network: up to 20 counters with 10 scales each.
- » Multi-vendor: up to 14 vendors per counter.

Hardware

- » Microprocessor Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz.
- » 1GB LPDDR2 SDRAM RAM, 64GB storage for Linux O.S. and database.
- » Gigabit Ethernet communication.
- » Graphics card: TFT 1024x768 User / TFT 800x480 Client.
- » 15" TFT user screen with 5-wire resistive touch.
- » Panoramic 9" rear screen.
- » Power supply: 110 V to 240 V.
- » Optimum temperature: -10 °C to 40 °C.
- » Thermal printer of 60 mm (speed 80 mm/s).
- » Configurable print formats for labels and tickets.
- » Metrological shielding: weight device with independent shielding.
- » Stainless steel plate.
- » Common spare parts for all models of the XS range.
- » Net weight without Battery Box Kit: 16.7 kg / Packed: 19.86 kg.

- » Unlimited programmable data: articles, descriptions, traceability, vendors, families, counters, customers, orders, rates, etc.
- » Three sales/packages and 3 self-service screen formats.
- » Discounts on line or on the total.
- » Supported codes: EAN8, EAN13, CODE128 and QR.
- » Labelling adapted to EU-1169/2011 regulations (allergens and nutritional information).
- » Remote maintenance with standard market tools.

References

DESCRIPTION	CAPACITIES	REFERENCE
TouchScale XS e-20l - 15 / 9 Bat. Externa	6kg / 2 g	000X13986189M6
TouchScale XS e-20l - 15 / 9 Bat. Externa	15 kg / 5 g	000X13986189
TouchScale XS e-20l - 15 / 9 Bat. Externa	30 kg / 10 g	000X13986189M30
TouchScale XS e-20l - 15 / 9 Bat. Externa	Multi-interval 6-15 kg / 2-5 g	000X13986189B15
TouchScale XS e-20l - 15 / 9 Bat. Externa	Multi-interval 15-30 kg / 5-10 g	000X13986189B30

The stand-alone scale does not include the Battery Box Kit or the G100 Charger (optional).

OPTION	REFERENCE
Kit Battery Box (additional)	000013989125
Charger G100-24A	000119052184

If you have a large network of scales, we recommend adding a TPLINK router with 4G capability (Suggested models: AD1200 / N3004G / MR6400)