

Prowise Universal Storage & Charging Cart, 36 slots

Product information

Note: this document is confidential and intended for internal use only.

Introduction

This product information document applies to:

- PW.2.36001.0001 Prowise Universal Storage & Charging Cart, 36 slots, EU
- PW.2.36001.0002 Prowise Universal Storage & Charging Cart, 36 slots, UK
- PW.2.36001.0003 Prowise Universal Storage & Charging Cart, 36 slots, US

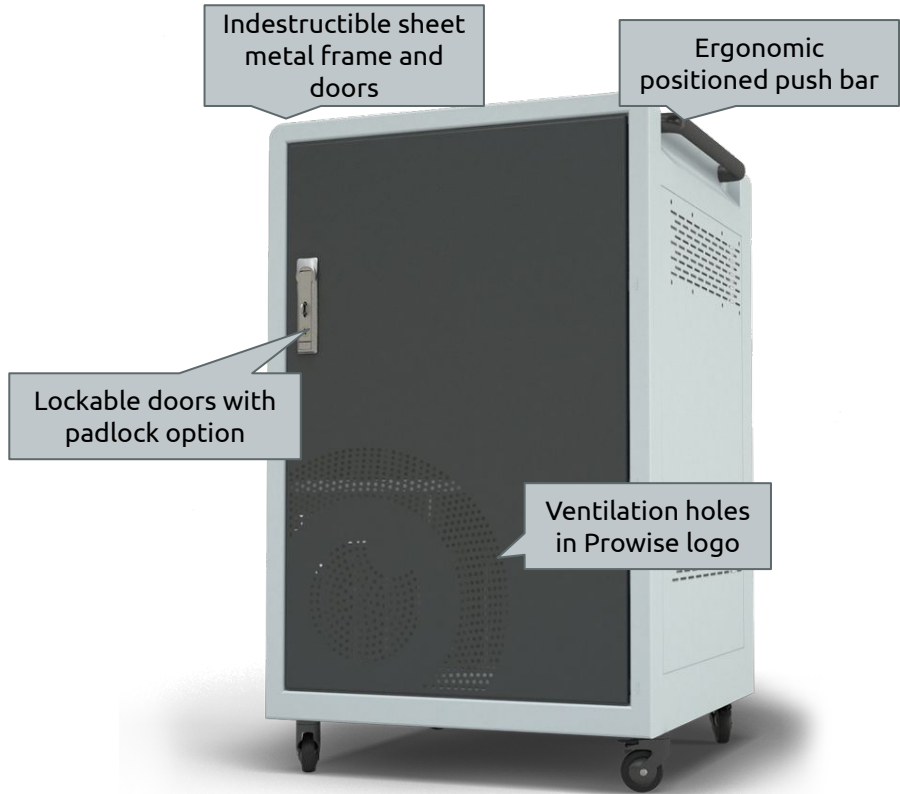
The Prowise Universal Storage & Charging Cart is a safe solution to **store, transport** and **charge** up to 36 Chromebooks or other personal devices (up to 14”).

Core keywords:

- Robust
- Easy to manoeuvre
- Computer controlled charging timer unit
- 5-year warranty
- For free (when purchased in combination with 36 Prowise Chromebooks)

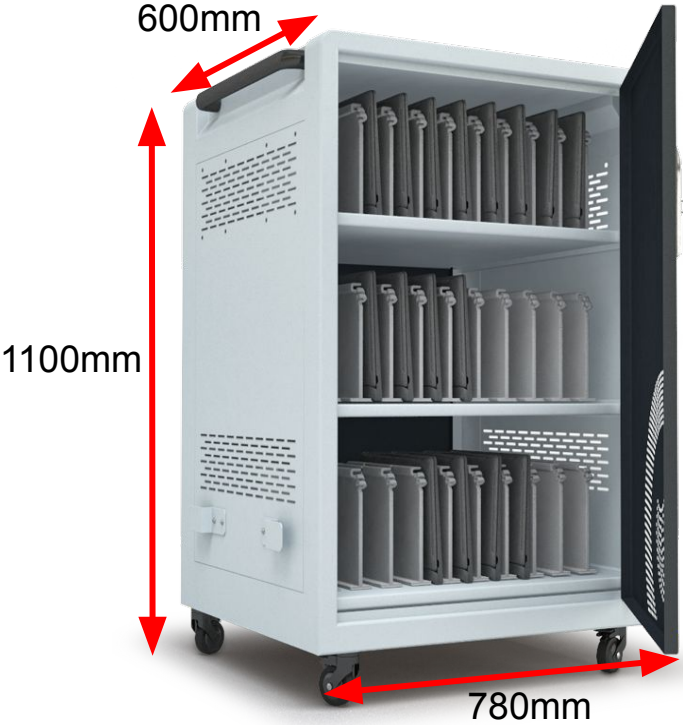


Overview



Dimensions

Cart Size



Maximum Device Size



USPs

- Superior build quality
- 36 devices up to 14"
- Computer controlled power supply
- Unique adapter cable guide
- Easy manoeuvrable
- 5-year full warranty
- 30 days buy & try guarantee



Superior build quality

Rugged and indestructible

Highlights

An almost indestructible cart for optimal protection of personal devices.

- Sheet metal frame and doors
- ABS bay dividers
- Casters with ball bearings

Technical

1. The used sheet metal (2mm for frame, 1mm doors and interior) is thicker than the sheet metal of a modern car
2. Bay dividers are made out of ABS (same as LEGO)



Stores up to 36 devices

Up to 14" in size

Highlights

The cart can store $3 \times 12 = 36$ personal devices.

- Easy access (door opens 100°)
- Easy slide in and out (full ABS bottom)
- Adapter cable guide

Technical

1. Max personal device size is:
340 x 260 x 30 mm (13.4 x 10.2 x 1.2 inch)
2. Easy install adapter cables



Computer controlled charging

Energy efficient charging

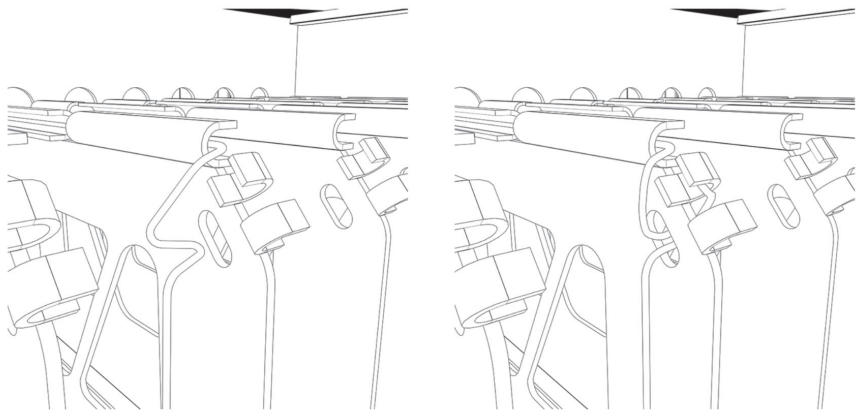
Highlights

The charging cart provides several charging possibilities to save energy and suit all user modes.

- Continuous charging
 - Devices keep charging until user switches cart off
- Timed charging
 - Devices are charged for a defined amount of time
- Cycled Charging
 - Up to four groups of devices are charged, one group after another, by a user-defined time
- Delayed charging
 - Postpone the actual start of the charging

Technical

1. See additional information of timer unit on slide 17



Adapter cable guide

No cable hassle

Highlights

- Avoids cable trap when sliding personal devices in and out
- Adapter plug at hand when plugging in
- Simple cable locking mechanism

Technical

1. Easy to install



Easy manoeuvrable

Safe transportation

Highlights

The cart weighs 85 kg when empty. When filled with devices the weight can go up to 170-180 kg. Despite the heavy weight the cart stays easy manoeuvrable due to its:

- Small wheelbase
- Four 100mm swivel castors
- Ergonomically placed push bar

The heavy weight avoids the cart from:

- Being thrown over
- Becoming an uncontrollable moving object after a small push

Technical

1. Do not place the cart on a slope without holding it firmly or without activation of the brakes



5-year full warranty

Quality and reliability

Highlights

Our charging carts adhere to the highest attainable international certification standards.

- Only durable and strong materials are used
- 100% inspection of all charging carts during production
- Only A-grade components are used

Technical

We offer a 5-year full warranty on our charging cart:

1. 5 years warranty on the cart
2. 30 days buy & try

Specifications



Specifications

- **Storage capacity:** 36 personal devices
- **Max Dim. Devices:** 340 x 260 x 30mm (LxWxH)
- **Colours:** RAL 9003 / 7016
- **Materials:** Steel / ABS
- **Cart Dimensions:** 780 x 600 x 1100mm (LxWxH)
- **Netto Weight:** 85 kg
- **Input Power:** 100-240V AC 50-60Hz, max. 10A
- **Safety:**
 - Fire-retardant materials
 - Lockable doors
 - 100mm swivel casters with foot brake
 - Inrush current, residual current and surge protection
- **Timer unit settings:**
 - Continuous
 - Delay
 - Timer
 - Cycle
- **Cable storage:** Yes
- **Certifications:** CE, FCC
- **Warranty:** 5 years

Documentation

Documentation & Links

User guides

- [Safety Guide](#)
- [User Manual](#)

Technical documentation

- [Specification sheet](#)

Certifications

- CE (EMC) (will be added later on)
- FCC (pending)

Timer unit

When the cart is switched off via the main switch, by unplugging the power cord or by pressing the off button, the timer will remember the last setting.

- **Continuous charging:**

Devices keep charging until user switches the cart off

- Pro: easy operation, devices continuously charged
- Con: cart keeps using energy also when devices are full

- **Timed charging:**

Devices are charged for a user defined amount of time

- Pro: energy efficient (cart switches off automatically).
Usually 3hrs of charging is more than sufficient to fully charge a complete empty battery.
- Con: Depending on the device, 3hrs charging can result in not fully charged devices.

- **Cycled Charging:**

Up to four groups of devices are charged, one group after another, by a user defined time

- Pro: more energy efficient than Continuous Charging, Ideal when personal devices are used at irregular interval all day for shorter periods of time.
Recommended setting is charging time between 15 and 30 minutes.
- Con: Takes much longer for a device to fully charge from zero. Not as energy efficient as timed charging.
*If fully charged in 2hrs and setting is 15 minutes in 4 groups. It will take $(2\text{hrs}/15\text{min}) * (4 * 15\text{min}) = 8\text{hrs}$*

- **Delayed charging:**

Postpone the actual start of the charging (Continuous, Timed or Cycled). Value set in hours.

- Pro: Charging can be done during low (night) tariff for energy.
- Con: Charging does not start immediately. To switch the delay off the back panel needs to be opened.

For instance night tariff starts from 19:00. The earliest time a user wants to start the charging cart is 9:00. The user can set a delay of 10hrs.

Suppose the cart starts at 16:00. With a delay of 10 hrs the actual charging starts at 2:00. With a set charging time of (for instance) 3 hrs, the devices are fully charged at 5:00hrs.

Well before the start of the next day.

Packaging Information

- Packaging Dimension: (W x D x H) 830mm x 650mm x 1220mm
- Cardboard box on wooden pallet
- Maximum of two packages can be stacked
- Package weight: 90kg
- Packaging includes:
 - Prowse Universal Storage & Charging Cart, 36 slots
 - Power cable
 - Front door keys (2)
 - Back panel keys (2)
 - Handlebars (2) incl. bolts and hex key for mounting
 - User Manual
 - Safety Guide



Competitor Analysis

	Prowise	Loxit	Leba	Ergotron	Zioxi
Type	36 slots	Lapbank	NoteCart Classic 32	Yes Basic Charging Cart	Chromebook Charging Trolley
Storage Capacity	36	32	32	36	32
Max Device Size (mm)	340x260x30	340x190x60	480x340x60	362x254x28	400x255x41
Cart Dimensions (mm)	780x600x1100	800x550x1190	850x700x1365	590x590x1050	1040x500x950
Netto Weight (kg)	85	94	90	91	No Information
Timer Unit	Delay, Timer, Cycle	No	No	Cycle	No
Warranty (years)	5	No Information	No Information	Mechanical: Life Electrics: 3 Cables: 1	Mechanical: 5 Electrics: 2
Price (€)	1299 or free with 36 Prowise Chromebooks	1600	2600	994	2044

Note: in some European countries advertisements can be found on “second hand” or “refurbished” charging carts for a very low price. These carts are usually new but do not have the necessary certifications. The term “second hand” or “refurbished” avoids the need of any certification. These carts can be of inferior quality and without warranty.