

Charging Cart & Charging Cabinet Buying Guide

Plan safe, scalable charging for laptops, tablets and shared devices

Designed for

Schools, universities, offices, hospitals, training centres and shared device programmes.

ERGO Hong Kong

Practical procurement guidance for professional workplaces, education, healthcare and enterprise environments.

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How to Use This Guide

Charging capacity is more than the number of shelves. Device dimensions, adapter type, USB-C power, electrical load, heat, cable management, security and mobility all affect the final configuration.

Quick Procurement Checklist

1	List device type, quantity, dimensions and charging wattage.
2	Decide between AC adapters, integrated USB-C PD or mixed charging.
3	Choose mobile cart, fixed cabinet, desktop cabinet or individual charging locker.
4	Confirm ventilation, cable organization, access control and timer/sequencer needs.
5	Review site power capacity, plug type and daily charging workflow.

1. Compare Solution Types

Mobile charging cart	Shared devices moving between rooms	Charging, storage and transport together
Fixed charging cabinet	Central IT or classroom storage	High security and organized charging
Desktop cabinet	Smaller device fleets	Compact footprint
Individual charging locker	Self-service or user-specific charging	Separate controlled compartments
USB-C charging hub/station	Modern compatible devices	Centralized adapters and cleaner cabling

2. Power Planning

AC vs USB-C PD

AC systems retain the original adapters and support mixed devices. USB-C PD can reduce cable clutter but requires correct wattage and protocol compatibility for every device.

Electrical load

Large fleets can create inrush current when all adapters energize together. Timers or sequencers may be appropriate depending on the charging architecture and site electrical supply.

3. Security and Daily Use

4. Capacity Tip

Do not choose capacity only by device count. Test the largest device with its case, charging connector and cable bend radius inside the actual slot.

Relevant ERGO Hong Kong Pages

Use these links to compare available solutions and discuss the correct configuration with our team.

Charging Carts Mobile bulk charging for laptops and tablets.	View online
Laptop Charging Carts Secure mobile laptop and iPad charging.	View online
iPad & Tablet Charging Carts 10, 20 and 30-device charging options.	View online
Charging Lockers Individual secure charging compartments.	View online
Charging Solutions Carts, racks, hubs and cabinets.	View online
Charging Infrastructure Custom charging infrastructure projects.	View online

Need a recommendation?

Share the device size, weight, quantity, installation environment and any special workflow requirements. ERGO Hong Kong can recommend a standard model or discuss a customized configuration.

[Contact ERGO Hong Kong](#)

Important Note

This guide is intended for preliminary product selection. Final suitability depends on exact dimensions, load, VESA pattern, device power requirements, site conditions, user workflow and compliance requirements. Product specifications and availability may change; confirm final details before ordering.