

UK 30-Bay AC Charging Cart

British BS1363A Outlets Built-in on the Rear, Spacious Slots for Devices up to 16", Lockable, Overload Protection, White

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Mobile charging cabinet for classrooms, hospitality, and more

Charging, storing, and protecting portable devices is easy with the reliable Manhattan 30-Bay AC Charging Cart. It’s the ideal solution for laptops and other devices up to 16 inch in schools, restaurants, gyms, doctor’s offices, universities, hotels, offices, and more, so you can efficiently assist your students, guests, patients, customers, and patrons.

Smart power, great for all devices from smartphones to laptops

The built-in AC outlets in PDUs at the back of the unit make it simple to charge devices such as laptops, MacBooks, iPads, Chromebooks tablets, phones, and many others using their power adapters or wall chargers. Admins get convenient access through the door on the back of the unit to plug into the outlets and feed the cables to the devices in the front. With 30 built-in UK AC outlets, the charging cart ensures efficient and safe power distribution. Its smart power management system, powered by six PDUs with five outlets each, intelligently divides the power load into partitions to prevent overloading, giving you peace of mind while devices charge. Built-in safeguards protect against overload, overcurrent, short circuits, and voltage spikes, ensuring a secure charging environment.

Physical security is key

The sturdy, durable steel housing with up to 2 mm thickness offers a visible sign of professional device management and protection. A durable aluminum frame provides a lightweight, corrosion-resistant, and thermally efficient structure. The lock on the front and rear doors help keep devices secure while they charge or when they are not in use. Included heavy-duty casters let you roll the cart where you need it; wheel locks let you quickly secure it in place.

Organised and versatile

Keep your devices organised in the bay slots that offer plenty of space (400 x 34 x 275 mm each), even for bulky cases. The built-in cable-management clips on the bay dividers let you structure your charging cables (device chargers and cables are available from Manhattan) for better organization and a cleaner look. A plastic pad on each shelf prevents slipping and protects your sensitive devices from scratches. The included power cable is removable for better storage.

Features:

- Safely stores and charges laptops, Chromebooks, tablets, iPads®, MacBooks®, phones, and other devices up to 16"
- 30 built-in UK BS1363A AC outlets on the back
- Protection against overload, overcurrent, short-circuiting and voltage spikes
- Smart power management system with six PDUs and intelligent power distribution, dividing the power load into partitions to prevent overloading
- Spacious device slots 400 (D) x 34 (W) x 275 (H) mm each with cable management built into the dividers
- Plastic pads on each shelf prevent slipping and protect your devices from scratches
- Sturdy, secure metal housing with up to 2 mm thick steel and powder coating; lockable with six included keys
- High-quality aluminium frame for a lighter, stronger, corrosion-resistant, and thermally efficient build

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- Integrated fans and ventilation slots for maximum airflow and cooling efficiency
- Perforated steel front and rear doors with swing handle and secure lock
- Lockable side door for access to power management system, fans, and fuse switch
- Built-in handle and four heavy-duty wheels, two with brakes
- Two-pole on/off switch
- Round edges to avoid injuries in busy environments
- Power cable with C13 to UK plug, 2 m, included
- Earthing kit included to protect equipment from external electrical surges
- No device chargers or charging cables included (separately available from Manhattan)
- For indoor use only
- Three-year warranty

Specifications:

Standards and Certifications
• UKCA
• CE
• RoHS
• REACH
• IEC 60320
• IEC 60884

Electrical
• AC input: 220.0 - 240.0 V; 10.0 A; 50 - 60 Hz; IEC 60320 C14
• Operating voltage: 230.0 V
• Socket/outlet standard: British BS1363A; IEC 60884
• Maximum load: 2300.0 W
• Overload protection: 10.0 A maximum load current

Fan specifications
• Two fans
• Air flow: 102 m^3/h (60 cfm) per fan
• Noise level: 38 to 40 db (A)
• Rated power: 8.0 W
• Rated speed: 1900 rpm +/-5%
• Static pressure: 5.4 mmH2O
• Unit weight: 450 g
• Rotation: counter-clockwise
• MTBF (at 25°C): 30,000 hours
• Temperature range: -20 - 80°C
• Operating voltage: 220.0 - 240.0 V, 50 - 60 Hz, 0.06 A
• Operating humidity: 20 - 80%

Protection Characteristics
• Short-circuit (SCP) with auto-recovery mode
• Overvoltage (OVP) with auto-recovery mode
• Overcurrent (OCP) — current limit: 150% (max)

Physical
• Materials: cold-rolled, powder-coated steel, flame retardant ABS plastic, and aluminium frame
• Perforated steel front door
• External unit dimensions including casters (D x W x H): 605 x 575 x 1045 mm
• External unit dimensions excluding casters (D x W x H): 605 x 575 x 915 mm
• Internal device bay dimensions (D x W x H) (30): 400 x 34 x 275 mm
• Total internal storage space per shelf with dividers removed (D x W x H): 400 x 430 x 275 mm
• AC power cable length: 2 m
• Cable type: H05VV-F 3G 1.5 mm^2
• Four removable heavy-duty casters, two with brakes
• Net weight: 57.5 kg
• Gross weight: 79 kg
• Caster details
  - Wheel materials: TPR
  - Wheel diameter: 100 mm
  - Caster width: 26 mm
  - Caster height: 128 mm
  - Plate size: 92.5 x 62.5 mm
  - Hole spacing: 75 x 45 mm
  - Bracket thickness: up to 3 mm
  - Load capacity: 100 kg

Environment

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- Operation temperature: 0 - 45°C
- Storage temperature: -15 - 45°C
- Humidity (non-condensing): 20 - 80%

Package Contents
- 30-Port AC Charging Cart
- Power cable with C13 to UK plug, 2 m
- Six door keys (two keys each for front, back, and side door)
- Grounding cable
- Documentation









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