

PowerVault

Smart Integrated Mobile Charging & Storage Solution



Overview

The **CP40** is a premium, all-in-one mobile charging solution designed for modern educational and corporate environments. It combines high-speed charging, advanced security, and smart environmental monitoring into a single, sleek mobile unit.

Power Management with Smart Charging Solutions

Auto Recognition

Auto detection and zero output idle

Adaptive Charging

Automatic voltage & current adjustment

Load Balancing

Balances the power load across all devices

Device Safeguard

Built-in overcurrent protection

Features

- Connectivity: WiFi IEEE 802.11 b/g/n 2.4GHz
- Smart ventilation and cooling system for optimum temperature (Remotely)
- Temperature Sensor System: Temperature Detection range: -20°C to 80°C
- Support querying temperature & humidity data



Safety Features

- Soft start
- Overvoltage
- Overcurrent
- Short circuit DP/DM/CC
- Over-temperature NTC protection



Power Modular System

Support a modular power supply design, allowing any faulty module to be replaced independently without disrupting the overall system operation, ensuring continuous device charging at all times.



Eco-Friendly Efficiency

High-efficiency charging protocols ensure minimal energy waste while maximizing battery health for your tablets.



Global Compliance

Manufactured under strict quality standards with certifications including IECCE, SIRIM, ST-COA



Technical Specifications

Features	Specification
Model	CP40
Charging Ports	40 x port Type-C fast charging
Output per Port	20W (fast charging)
Charging layout	2 racks x 20 ports Type-C, built-in cable management
Input power	220-240V~, 50/60 Hz, 13A
Material	Cold-rolled steel frame 100% and flexible ABS slot
Charging Indicator	Red: Power ON / Ready → Blue: Charging in Progress → Red: Charging Complete → OFF: Power turn-off
Mobility	Four (4) Heavy duty wheels, two (2) brake lock
Dimension	680 × 460 × 1040 mm;
Weight	68 kg



40x

Type-C Fast
Charging Port



20W

Fast Charging
per Port



Advanced

Safety
Protection



Smart

Smart Charging
Solutions



CP40 Mobile Charging Cart

*** Images are for illustration purposes only. Actual product may vary.*

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