

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
Brand	Focus
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 x 460 x 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.

IPSB
TECHNOLOGY



INTEGRITI PADU SDN. BHD.
N-5-1 (A), Encorp Strand Garden Office,
12 Jalan PJU 5/1, Kota Damansara, 47810 Petaling Jaya, Selangor



+603 - 6150 5029



sales@ipsb.com.my



<https://ipsb.com.my/>



CP40 is a certified with SIRIM & ST-COA