10 & 20 Port USB Hubs

PSUSB-1024 & PSUSB-2024
10 & 20 port USB 2.0, 2.4A charging & sync hubs

The 10 & 20 port charging hub provides a quick solution for quick charging or sync of up to 10 or 20 iPads, iPhones, iPods or other USB devices operating simultaneously. This is the perfect tool to effectively perform CDP/DCP mode switching. Ideal for medium capacity USB stations in house for charging and syncing a number of devices at the same time. Such as school classrooms, business conferences or meetings.

Features

• Compliant with USB battery charging specification 1.2
• Provides up to 1.5A (CDP mode) or 2.4A (DCP mode) output currect on each port
• Supports high speed 480 Mbps, full speed 12 Mbps and low speed 1.5 Mbps operation
• Supports iOS and Android devices
• Enables CDP/DCP mode switching automatically by manually connecting or disconnecting host computer port
• If all devices are fully charged in DCP mode the unit would automatically cut of all port's LED and power
• Intelligently detects the power current of each port by the sensing meter with firmware and enables the ports LED to illuminate its corresponding colour. Charging: Red; Disconnected or fully charged: Green
  Sync Mode: Orange
• These hubs can be cascaded with another unit of the same type to double the number of ports
• Features Over-Voltage, Over-Current Protection and ±15kV (air), ±8kV (contact) ESD protection on each port
• Supports 40A (5/50ns) & Peak Pulse Power 250 W (8/20 us) Surge and Transient spikes protection on each port
• High temperature protection is standard, if the unit's temperature is higher than set limit it will cut off all output current immediately and all the LEDs of all ports would be flashing
• Compact aluminium housing measures only 268 x 102 x 40mm
• Powered by external universal AC input power supply with full safety approvals (supplied with the hub)

Please note that the charging hub only serves as a pathway for communication between your devices and the computer. Actual management and synchronisation is handled by software or apps independent of this charging hub

Model Number	PSUSB-1024 & PSUSB-2024
DC voltage and current per port	CDP Mode 5V 1.5A, DCP Mode 5V 2.4A
Speed	480 / 12 / 1.5 Mbps
USB Specification	USB Spec 2.0 / 1.1 / 1.0 compliant
Connector - Upstream	USB B female
Connector - Downstream	USB A female x 10 or 20 depending on model
Connector - Cascade	USB A female x 2
Power Mode	Powered by external desk top psu (included)
LED - Charge Mode	Red then green when fully charged
LED - Sync Mode	Orange colour
Operating Temperature	0 to 40ºC
Dimensions	268 x 102 x 40mm
Housing	Metal