

# 8 Port USB Hub



[www.powersolve.co.uk](http://www.powersolve.co.uk)

## PSUSB-0824

### 8 port USB 2.0, 2.4A charging & sync hub

The 8 port charging hub provides a quick solution for quick charging or sync of up to 8 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 current 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 off 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
- The 8 port charging hub can be cascaded with 7 other units giving a total of 8 hubs and 64 ports.
- Features Over-Voltage, Over-Current Protection and  $\pm 15\text{kV}$  (air),  $\pm 8\text{kV}$  (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 8 ports would be flashing
- Compact aluminium housing measures only 170 x 80 x 30mm
- Powered by external 120W 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-0824
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 8
Connector - Cascade	USB A female x 2
Power Mode	Powered by external 24V 5A desk top psu
LED - Charge Mode	Red then green when fully charged
LED - Sync Mode	Orange colour
Operating Temperature	0 to 40°C
Dimensions	170 x 80 x 30mm
Housing	Aluminium