

20-Port Quick Charging Station

The 20-Port Charging station is a solution for quick charging of up to 20 iPads, iPhones iPods and USB charging devices operating simultaneously; this is a perfect tool to effectively save energy and cool down the unit's heat. Also is ideal for large capacity USB station in-house that enables automatically recharging once the devices connected have consumed their power with remaining 90% (approximately) after fully charged. Places such as school's classroom, businesses conference or meeting in organizations.

Features

- Fully compliant with DCP mode of USB Battery Charging Spec 1.2
- Enables to provide up to 2.4A output current on each port. Supports the iOS, Android devices.
- LED light off when all the 20 ports are disconnected
- Intelligently detects the power current of each port by the sensing meter with firmware. Supports charging 20 devices at a time. Enables to divide the 20 ports into 4 groups; allows 1 group (5 ports) to be charging at a time. When all the charging ports are fully charged, the unit would cut off all the output current and turn to sleep immediately.
- The rear fans spec: SUNON Vapo DC Fan; Life Expectancy: 60,000 hours
- Enables to start/cut off the fans automatically according to the temperatures setup. If the board's temperature is higher than the setting, it would start the fans automatically. On the contrary, if the board's temperature is lower from the setting, it would cut off the fans automatically as well.
- Supports 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.
- For the High-temp protection, if the unit's high temperature is over the setting, it would cut off all the output current immediately. At the mean time, the whole LEDs of the 12 ports would be green blinking.

Specification

Model No.	CHS-2024	
Current per Port	DC5V 2.4A	
Charging Specification	USB Battery Charging Spec 1.2	
Connector (Output)	USB A Female x 20	
Power Supply	DC12V 24A (288W)	
LED	Fully connected	Charging in progress: Red Color x 20
		Fully charged: Green Color x 20
	Grouping	Charging in progress each group: Red Color x 5
		Disconnected or Fully charged each group: Green Color x 5
Cooling Fan	SUNON Vapo DC Fan x 2	
Operating Temperature	0 ~ 50°C	
Housing	Metal	
Dimension (L x W x H)	268 x 102 x 40 mm	

