



COOL COMPONENTS
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Selecting the Appropriate Power Supply

**Ensure to align 'Tip' to '+' on the ends of the connectors/plugs.
If reversed, the units will not be damaged but they simply will not work.**

Cool Components offers y-cables, tri-cables and extension cables to facilitate powering multiple fan units on a single power supply. To determine how many units can be powered with a particular power supply, calculate the milliamps (mA) of power required for each of the products you wish to power using one power supply. This information is included with each product description (see chart below). As a general rule, each 50mm fan will draw 40-50mA and each 92mm fan will draw 200mA. Then, calculate the total milliamps and select the appropriate power supply.

This chart illustrates how many milliamps each product draws and the appropriate power supply for a single unit.

SKU	Description	Milliamps per unit	PS-300 (300mA)	PS-500 (500mA)	PS-1000 (1000mA)	PS-1700 (1700mA)
CP-SF	Single-fan Unit	40	X			
CP-DF	Dual-fan Unit	80	X			
CP-CC-2FN	2-Fan Component Unit	400		X		
CP-CC-4FN	4-Fan Component Unit	800			X	
CP-CC-FL	Fully Loaded Comp. Unit	960			X	
CP-CC-9FN	9-Fan Component Unit	1600				X
CP-UC	1RU Universal Cooler	240	X			
CP-UC2	2RU Universal Cooler	800			X	
VS-CV	Cabinet Vent	40	X			
VS-HFL	HiFlo Lite	200	X			
VS-HFB	HiFlo Basic	400		X		
RK-CS-2	2RU Cool Shelf	160	X			
RK-CS-3	3RU Cool Shelf	320		X		
RK-SC-4FN	4-Fan Side Cooler	160	X			

Note: While it is permissible to power multiple products on a single power supply, we do not recommend powering too many units from a single power supply even if the power supply is capable of handling the load.