

Interface Definitions for the Variable Power Supply

Interface from:	Interface to:	Description:
Desktop Power Supply	Variable Power Supply	Power supplied at a constant 18V to the Variable Power Supply. -Max input voltage: 60V -Max input current: 5A
Variable Power Supply	Desktop Electronic Load	Electronic load configured to display supplied Voltage and Current. Current draw is scalable within parameters. -Max output current: 700mA -Output voltage parameters: 2V-12V -Max power draw: 8.4W
Variable Power Supply	7Seg Voltage Display	7Seg display is fed power from the output of the Variable Power Supply. It reads and displays the provided voltage. -Max input voltage: 30V

Table 1: Interface definitions