

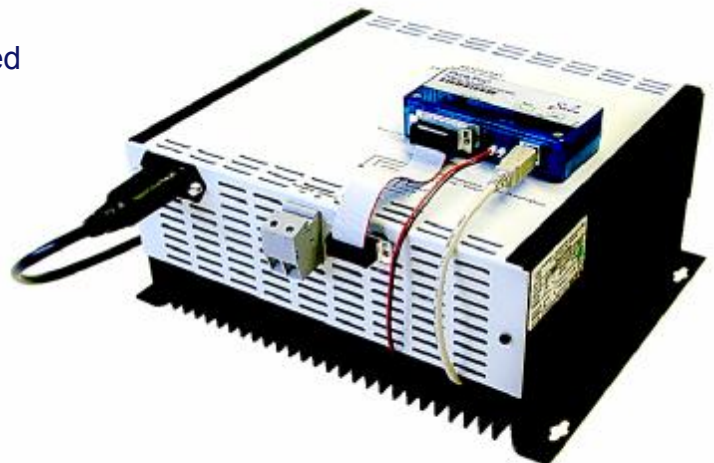


Pyxis PSC

The Pyxis PSC is a low cost, powerful, yet easy to use tool in the assembly and diagnostics of automotive vehicles and sub-assemblies



- Precise control and measurement
- Available at 12V, 24V & 48V
- Low cost
- Makes test system design easier
- Specifically designed for Xplax PSU's
- Provides full power supply control
- USB interface
- Plug & Play with Windows XP



The **PYXIS PSC** is a USB interface specifically designed to remotely control a range of EA power supply units. Power supplies are available at 12, 24 & 48 volt nominal outputs with 300 and 700 watt power outputs.

On a 12V / 700W PSU the output voltage is programmable from 0 - 14V and the current 0 - 50A. The PSU is short circuit and overload protected. In the case of an overload the PSU automatically changes from voltage regulation mode into current regulation mode. The PSU is also equipped with over voltage protection if for any reason voltage exceeds 15V

The PYXIS PSC is fully plug and play compatible with Microsoft Windows XP.

Suitable windows drivers and example application code (Visual Basic) are supplied and are available for download from the Sorion website Extranet.

The PYXIS PSC provides control of the set voltage and current limit and gives feedback of the actual voltage and current.

These readings are stable to better than 5mV and 5mA over a working range of 0 - 14V and 0 - 50 Amp.

With an update rate of 100 readings per second the PYXIS PSC is ideal for integration into automotive & component test systems.

The PSU can be remotely enabled and will fail safe in the event of a USB link failure.



Parameter	Specification (12V / 20A)
Voltage Control	5mV resolution
Current Control	10mA resolution
Voltage Feedback	1mV resolution
Current Feedback	1mA resolution
USB Interface	2.0 Full Speed
Power supply from USB port	50mA

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