

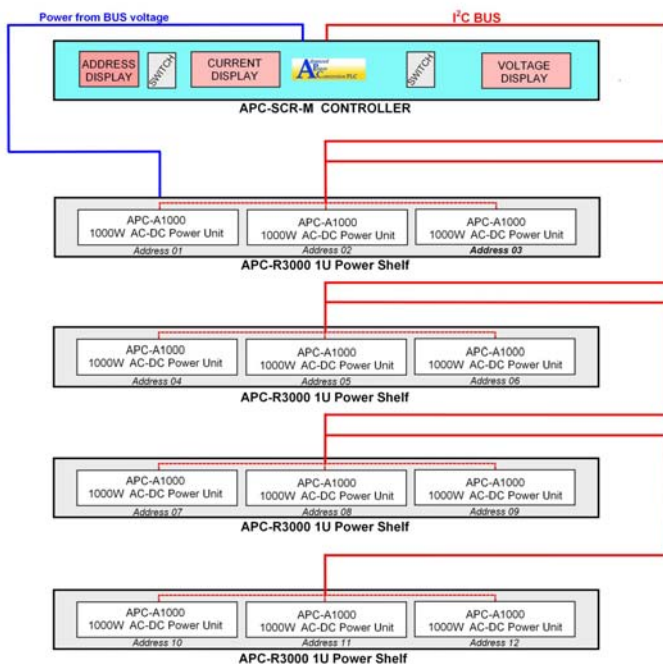
**Outline Product Specification**

**Function & Features**

The unit is designed to control and monitor the Advanced Power Conversion 19" rack mount 1U high PSU systems - APC-R3000, APC-R2400 & APC-R2250.

The controller is digital and communicates with the power modules by means of an I<sup>2</sup>C bus.

It offers adjustment of the system voltage in 100mV steps over the range 23-29V for the APC-A0750 (750w) power units and 46-58V in the 800 watt (APC-A0800) & 1000 watt (APC-A1000) power units .



Up to 12 hot swap power units can be used in parallel and the controller can be used to select a particular power unit position and read the current being drawn from that unit with a resolution of 100 mA. The address of individual power cartridge is set in hardware using the cable assembly supplied with the controller.

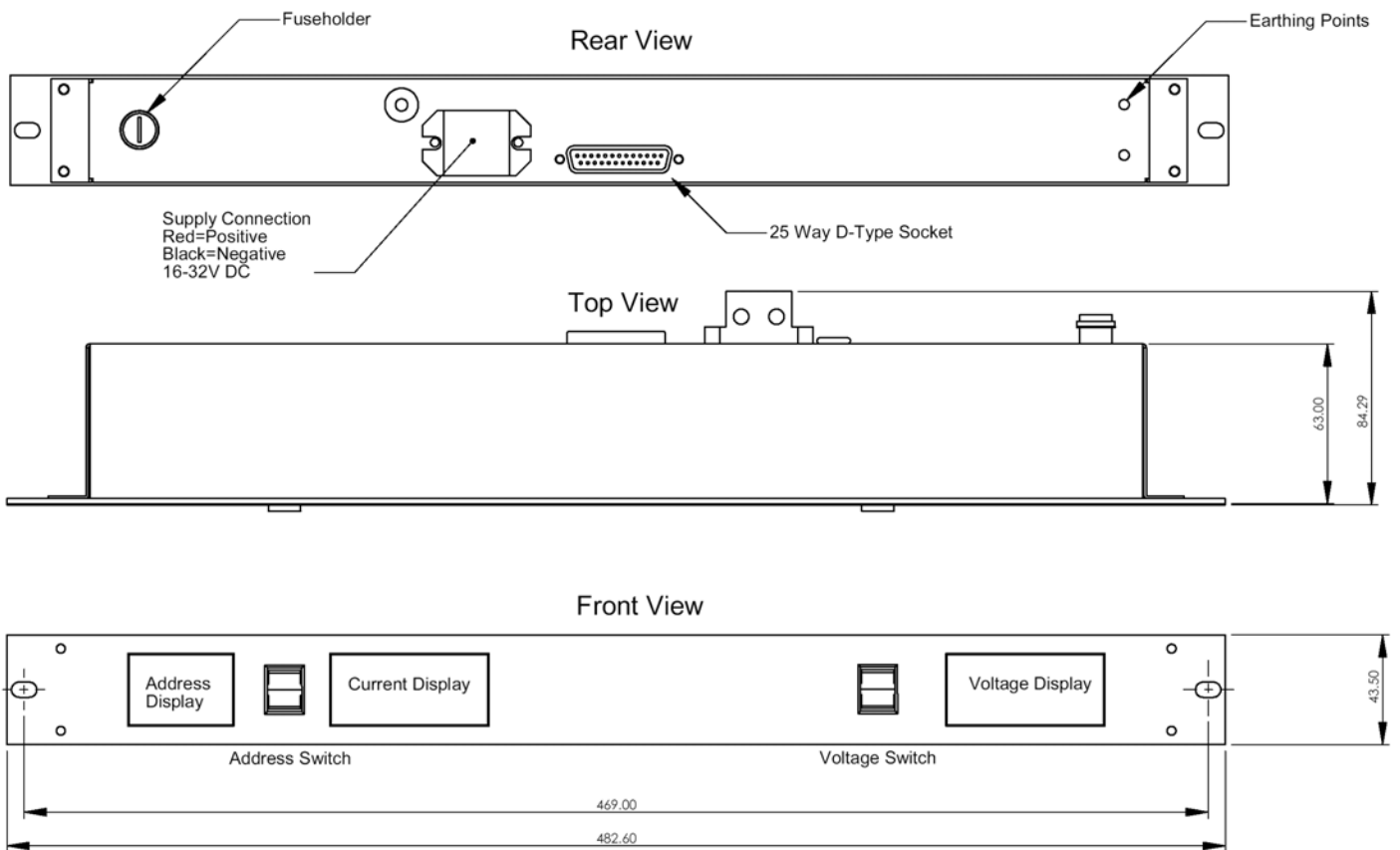
The APC-SCM-R does not require an external power source and is powered from the bus voltage of the system.

**ADVANCED POWER CONVERSION PLC**

# PRODUCT SPECIFICATION

## 19" Rack Mount Control & Monitor Unit

### Mechanical Outline



The Control & Monitor Unit is a 1U high, 19" chassis with read-outs on the front panel, input and output at the rear.

A 2 way terminal block is fitted on the back panel to allow the bus voltage to be connected. A 1A fuse is fitted to protect against faults.

*Totalling just 5U high, the APC-SCR-M unit can control upto 12 x APC-A1000 AC-DC power cartridges providing a max. 12,000W*



Exceeding absolute maximum ratings may cause permanent damage and may reduce reliability. Information and specifications contained in this data sheet are believed to be correct at the time of publication. However, APC accept no responsibility for consequences arising from printing errors or inaccuracies. Specifications are subject to change without notice