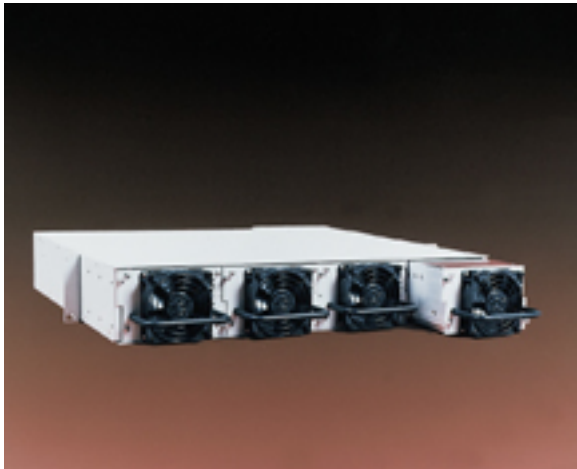


## High Density Rectifier Modules



Unipower Telecom's new Ranger RRS Series rectifier modules are hot-swappable and produce 50 amperes at 54.4 V (48 V version) or 100 amperes at 27.2 V (24 V version). These switching modules are compact with 11 watts per cubic inch power density, and at 3.5 inches high they require only 2 mounting positions of rack space.

Three rectifier modules in a companion 19-inch shelf produce up to 150 A at 54.4 VDC or 300 A at 27.2 VDC; four modules in a 23-inch shelf produce up to 200 A at 54.4 VDC or 400 A at 27.2 VDC. The modules have automatic load sharing, and integral ORing diodes mean that the modules can be hot swapped during system operation.

The rectifier modules feature power factor correction, class B EMI filter, 170-264 VAC input range, and automatic load sharing. They have a wide range adjustable output voltages of 45 to 58 V or 22.5 to 29 V. Adjustments can be made via a remote DC input or via a front panel 10-turn potentiometer. Other features include system monitoring and control functions like AC good, DC good, thermal alarm, remote enable remote adjust and remote sensing.

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<http://www.wirelessdesignmag.com/product-releases/2001/04/high-density-rectifier-modules>