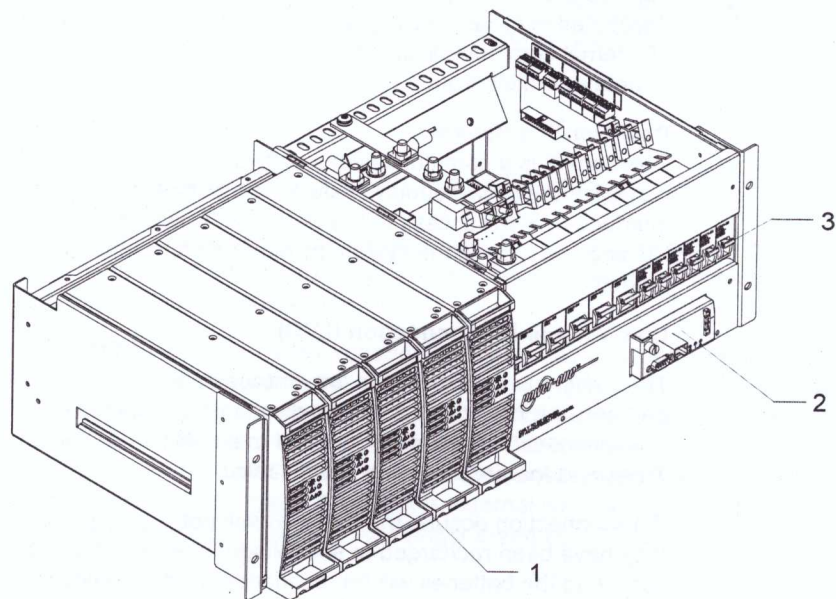


2.4.1 PPRD16.48-8000

The PPRD16.48-8000 incorporates rectifier module, system controller and DC distribution unit in one integrated 23 inch/4 U module.

Figure 2-4 PPRD16.48-8000



- | | |
|---|--|
| 1 | Rectifier Module (FMP16.48 / FMP18.48) |
| 2 | System Controller |
| 3 | DC Distribution Unit |

2.4.1.1 Rectifier Module

The FMP16.48 rectifier module is a modular power supply designed for parallel operation and plug-in installation in the power system. The rectifiers provide extremely reliable DC power in very high density.

The module incorporates power monitoring solutions through an internal microprocessor, giving updates to the system controller and adjacent rectifiers, guaranteeing tightly controlled load sharing among rectifiers, and providing status and identification information to the controller.

Other features include 3xLED for rectifier status indication, thermal protection with de-rating and input over voltage disconnection with automatic reset. The