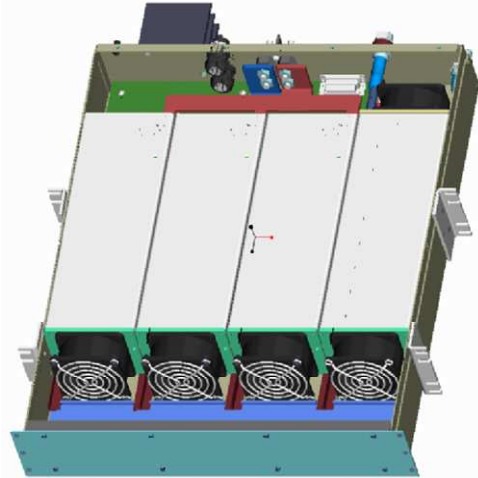


Features

- Semi-Sealed, to protect units from their Physical Environment
- Higher power Density than convection cooled equivalent units
- Modular design for higher system availability
- 280kW of AC/DC Conversion in a 44U Cabinet



Uses & Benefits

The Liquid Cooled Mercury Shelf when combined with the Mercury rectifier products is designed to be part of a high power DC system. Each 2U shelf is self contained with input AC connector and an output DC Terminal Block. The shelf also has inlet & outlet connectors for the cooling liquid and an alarm & control connector. Using the self-cooled rectifiers' fan to force the waste heat (from the rectifiers) through the integral cooling element the system releases very little heat outside of the shelf. Shelf cooling is completed via the internal Heat-Exchanger with an external coolant chiller.

Specifications

INPUT

AC Range: 90 to 300 VAC, 47 to 63Hz

OUTPUT

Voltage: Max of 59VDC
 Power: up to Max of 12,900Watts
 Current: up to Max of 480A

ALARMS

TTL compatible signals for: AC OK, Output OK
 Electronics Controls for: Remote Inhibit, Remote Program, Unit Present.

ENVIRONMENTAL

Normal operation: +10°C to + 55°C
 Storage Temp: -10°C to + 85°C
 Humidity: 0-95% non-condensing

MECHANICAL

Weight: 25 Lbs (11.4)
 Height: 3U
 Width : 17.5" (Std 19" shelf mounting)
 Depth: 24.25" (616mm)
 19" or 23" with extensions
 Mounting: Adjustable Rear mounting ears available.

Ordering Information

Part no.	Description
144556	2U Water Cooled Rectifier Shelf