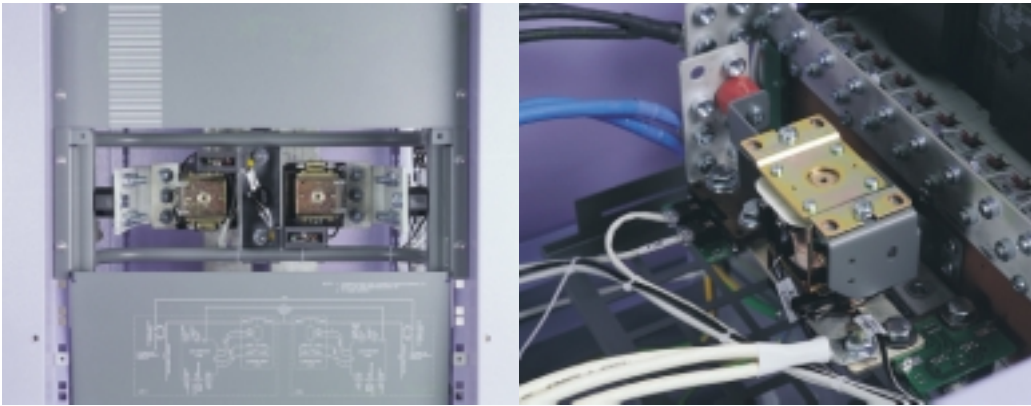


EATON

Powerware

Low Voltage Disconnect Modules



Features

- Ratings from 400A – 1200A
- Compact 4U or Internal Modules
- Configurable from Supervisory Module
- Battery or Load Disconnect Functions
- Fail and Isolation Alarms
- Front Access for Cable Termination
- Multiple Modules Can Be Cascaded

The Powerware range of Low Voltage Disconnect (LVD) modules provide automatic deep discharge protection for valve regulated lead acid (VRLA) batteries. Available in a range of sizes, the units are easily configured from the system supervisory module. Two LVD units can be configured for disconnection of high and low priority loads. Low priority loads can be disconnected at a specific battery voltage or after a preset time.

Powerware LVD modules use high reliability, non-latching contactors, with individual manual isolate controls for safe battery maintenance. The modules may be connected in either battery disconnect or load disconnect configuration and are fully alarmed. The hinged front panel allows easy access for cable terminations and is tool removable only, for operator safety.

The rack mounting models are compact and require only 4U of rack space while providing for the connection of up to 1200A loads. A 400A-rated model is also available which fits internally in any of the Powerware DCM and DCF range of MCB and fuse type DC Distribution Modules.

Technical Specifications

Brief Technical Specifications

Voltage Range	17.7 – 60V
Connection Mode	Load disconnect or battery disconnect
Settings	Disconnect Voltages (default): 43.2V / 21.6V Reconnect Voltages (default): 48V / 24V All settings are configurable from the supervisory module.
Operating Temperature Range	-10°C — +50°C [+14°F — +122°F]
Dimensions H, W, D	LVD400/401: 140mm [5.5"], 250mm [9.8"], 120mm [4.7"] LVD402: 140mm [5.5"], 300mm [11.8"], 120mm [4.7"] Other models: 4U: 176mm [7.0"], 480mm [19" mounting], 350mm [13.7"]
Certifications	CE (Europe) Equivalent products with UL and NEBS Level 3 approvals are also available. Contact your local Powerware DC representative for details.

In the interests of continual product improvement all specifications are subject to change without notice.

Model	Number of Contactors	Maximum Current Rating per Contactor	Mounting Style
LVD400/401	1	400A	Internal module for DCM and DCF Series Distributions*
LVD402	2	400A	Internal module for DCM and DCF Series Distributions*
LVD801	1	1000A	19" Rack module (4U)
LVD802	2	1000A	19" Rack module (4U)
LVD1201	1	1200A	19" Rack module (4U)
LVD1202	2	1200A	19" Rack module (4U)

* Contact your local Powerware DC Representative for specific model.